



SEQUENCE LISTING

<110> Robert A. Sikes et al.

<120> Isolation and Use of Fetal Urogenital
Sinus Expressed Sequences

<130> 9901-007-999

<140> 09/482,933

<141> 2000-01-14

<150> PCT/US99/10746

<151> 1999-05/14

<150> 60/085,383

<151> 1998-05-14

<160> 811

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 601

<212> DNA

<213> Murine

<220>

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<222> (1)...(601)

<223> n = A,T,C or G

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cttcacmcaa acctcgtnng actccaaaga tccvgatccc gtcacggag agagaaamcc	180
agaacaancc cgacgcagag atagatctgg atcatctcag tcaacatctc gaagaagaca	240
gaggagccgg tctagatcac gagttactcg gagacrgagg ggtggctctk gttaccattc	300
aagatcacct accagacagg agagttctcg aacctcctct agacgcagaa gaggccgctn	360
cccsagacacc cttgaccagt cggaagcgat ctcgatcaag aacatcacca gtccttgga	420
mgcgctctag atctsgagcc tcaccagcta ctcatsnggc ggtccaggtc magaacacca	480
ctgataagcc gacgtaggtc cagatctcgg acctcacctg tgagtaggag acggtcaagg	540
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t	601

<210> 2

<211> 243

<212> DNA

<213> Murine

<400> 2

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agaagttgag catttttatg gctgataaag tgaatgttac ttctaagtgc tcacttcttt	180

tatcagaagt gaccctcagt ccattgtgct acsttagctt gcctctttgg taataatkcg	240
kag	243

<210> 3
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 <212> DNA
 <213> Murine

 <220>
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 <223> n = A,T,C or G

<400> 3	
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acatgtcctc cctagamggg acagagtgat agttcatgtt tgnnkggtgtg tggactawyt	180
kgktactacc tttagagcaa ctgatktat	209

<210> 4
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 <212> DNA
 <213> Murine

<220>
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 <222> (1)...(357)
 <223> n = A,T,C or G

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acytrgtgaa cttaawwaam gcagactggg acctaggaaa attcaccatt ttcattgtaa	180
tgttctcggg tttgccttta tccatagaaa agtgggctct tgggaatgat gaggacactg	240
aggggtggag gatacmaacs gaaaagctca tggagataga gtkcaagcag agagtgtggg	300
tgctyaaata ctcaagagat ttaattaagt ctcgctctca awtgctataa gtttaaa	357

<210> 5
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 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 5	
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gcaggaggta gagatcgatg ctgctgcaga cttgagtggg cctcaggaag tagagaagga	120
ggagncccca ggctcccagg accccgagca cacagtgacc cantggcctg gnagaaggcg	180
gaagctccag gracmgttag cagtkctgcy kdarggscnn yaaggamcct ncyggtkcyg	240
cccanggatt cagngagnca gttccagara aaatyctgta cagtktacac acggtgtgtsca	300
tatcgtggag aractcacat ctctgtgcgc g	331

<210> 6
 <211> 331
 <212> DNA
 <213> Murine

<220>
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 <222> (1)...(331)
 <223> n = A,T,C or G

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 agatgaccct aactcttcag gaaawdcaac catctatatc agtcttatct ctgctctcaa 180
 aatgctctca gagagtaaam mmaaattggc cttnggtata cnyctctccg ttttgttttt 240
 ttaaaagrwg cctagkaatt tttnaaaaag kgcaaaaagrt gtktyytgag atttyctttt 300
 yaattytgga tgtcagtgtg tgdgtgtttg t 331

<210> 7
 <211> 427
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(427)
 <223> n = A,T,C or G

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 ggctcaaatt gaaaaggaaa taaaagagac cacaataaaa ttgctaacat acggagtaac 180
 agagtgatct gtgacacaat tctgctccat gttttccttt cccttcaagg acagctgggc 240
 agccactgag gcctgtggac aaggatccat gatcatttcc aatgttcaga gagtccagca 300
 accaccaggc aagggctgtt ggcacytagg aatgggtctg cttgcatgtc aagggaacca 360
 tgtggtccta caaaactcat ttctactgaa atgtcatctt ctgaachttg ggaaataatg 420
 cmctaga 427

<210> 8
 <211> 520
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(520)
 <223> n = A,T,C or G

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 ccnaagatct gagcagggtg ccagaacagg natgtacacg ctgctttcgg gattgtacaa 180
 gtacatgttc cagaaggatg aatactgcat cctgatcctg ggcctggaca atgctgggaa 240
 gacggtaggt cctgctctc tcaccagttc ccattccctg cctgatctaa nccccgccc 300
 caaggctaca ggtagtagt caccagcctc ctgaagatca agccacaggs agaggcgtgc 360

atggctgcat	ngggtgtgaa	gggataggtg	ggaaggacac	cagaaaacta	ctctagctgc	420
tgctatctna	mccccctctc	tttttttctt	cagactttcc	tggaacagtc	aaaaacacgc	480
tttaacaaga	actacaagga	attccaccac	actggcggcc			520

<210> 9
 <211> 465
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

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gctcccagct	gtacacatag	accagacaac	tcagcctcca	gagactggta	tgacctctgc	180
atatattctt	tataagtacc	acatgccaac	ttkgtgcttt	actggagtac	cctctatags	240
cyyctgaaa	acttagacag	kagcctttca	agkaaacart	ctgtagtgcc	cytacarctg	300
traatactta	tctctttaat	gtnttgctctg	gkagaaagac	atcttgatgt	atcttctctc	360
atctagttaa	gtttacctct	agtgagagaat	tagttaaac	actttggctc	ctgaagggtc	420
tcattgtgcat	atgcgctgta	ctctyccaag	agcdntgtgg	attct		465

<210> 10
 <211> 541
 <212> DNA
 <213> Murine

<400> 10						
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taggcttttt	cctgggtataa	agtctaagcg	tctctatgca	gatttcctga	atctcctctt	120
ctgtgggtacc	aaacagaaga	aaccaatggg	gccgagttgg	caagggaatt	tgaagtgtct	180
tagctgcaag	gtagatacaa	gcacatgcta	tagtctctgg	ttgaaagcga	acaaagacat	240
tggttcgaag	actgtcattc	atgtaattcc	aggcagtttg	aaccagggtt	tggttacggt	300
cacattctaa	gacttgtaaa	tacattacaa	tgatcttatg	gggatgcttg	acatgaacac	360
aaaatcccaa	ctccttttagc	accctcctct	ctgccttgat	aacttgattt	ttggtgttaa	420
tgtagttctg	atcaaggatc	agggggcttg	gagtcctytt	tccycttaac	tggcggaggt	480
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g						541

<210> 11
 <211> 330
 <212> DNA
 <213> Murine

<400> 11						
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cgcgggcggc	tccagctccg	gcacgaccac	cacgacgacg	accacgaccg	gagggatcct	180
gatcggcgac	cgctgtatt	eggaggtgtc	gctcaccatc	gaccactcgc	tgatccccga	240
ggagcggctc	tgcctaccc	cgtccatgca	ggacggcctg	gacctgcccc	gcgagacgga	300
tctkcgcatc	ttgggstgcg	agctchatcc				330

<210> 12

<211> 330
 <212> DNA
 <213> Murine

<400> 12
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 gacctcgacc gctgccgcgc ccgcgcgcgc tgcgcctcc gcctcgctcc cgcgcccgag 120
 cgcgggcggc tccagctccg gcacgaccac caccgacgc accacgaccg gagggatcct 180
 gatcggcgac cgcctgtatt cggaggtgtc gctcaccatc gaccactcgc tgatcccgga 240
 ggagcggtc tcgcctaccc cgtccatgca ggacggcctg gacctgcca gcgagacgga 300
 tctkcgcatc ttgggstgcg agctchatcc 330

<210> 13
 <211> 530
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 13
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 ggccatgngc tccntncact tgacctgca gctgggtgtm aganagtcct gtnnggttcn 180
 cactymagg ggatgtycct accmacnttn cactkctca agnctycact gctggtggcc 240
 tgtgngctct cncaacagct tcttctctcc tttgcccctc gtgtcagcca gcagccttg 300
 caagtgtttg ttwattwat actttgtgnt ttttgagaca gtcacatcaa ggttgaactt 360
 agaaccacaag atccnyactg ctatcacccc ctgaatactg gggnttcna gngtgnnnn 420
 cctgggntcc manncctcag gacnacnnnn cttasvnnag gatanccgta tcacgtntctt 480
 gggsnccatc ccttttttcc ccactacana gdaagnnnnn ncccawytc 530

<210> 14
 <211> 537
 <212> DNA
 <213> Murine

<400> 14
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 taccaatgga gcttaattta ggtagtgaat tagttcctaa atagatcagt gattgtgaac 120
 aaggcaataa aaagaaaacc tctaattgga tcaagtgttc ccataagtac tttgtatata 180
 tgtggatgtg tgttggtgtg catgcacata tgtgtgcatg tgtgtggatt gcgaaggaca 240
 gcctttggtg tcattcctca ggtggtgtcc acctgtttt gaagagatag gagtgtcaca 300
 ctgaacctgc agcttgcctga ttcagagtag caggacatg cctggcttga cctctccaac 360
 actgggatca caaggaactt tcgtcagcag gtcttgchtr kwtgaaatag ttgagaggga 420
 ctgcactccg atcttcacac ttgcacataa tgcatattgc caaatggccc atctccttga 480
 ctccactgaa taaaattttt gactaatttc tcaaaataat tacagcagcc tgaattc 537

<210> 15
 <211> 302
 <212> DNA
 <213> Murine

<400> 15

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tgtgatagck	ctcttgacca	gctgtgtycc	agatctcaaa	cttgaccgtt	gtatcgtcta	180
agcagacagt	ctgtgtgagg	aaakttgctc	caattgtgct	ctyctggtac	tcatggaact	240
kcccccttkac	maagcggagg	dccaggctgg	actttbccac	ggcagtytck	tccaagaggd	300
cc						302

<210> 16
 <211> 312
 <212> DNA
 <213> Murine

<400> 16						
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ccttcccatt	aagtygcctc	tttagcatag	caccggcccc	acccccacgs	tcaactggtac	120
tactacagag	cagckcgcca	tggcgggtcc	gaggaggtgc	agcacgaacc	caatggacca	180
gcttgctggc	aacaagatct	tgtcagttta	agcttgkcc	tcttygggog	agtctkccgt	240
trggcaagkb	carcctggty	ctcccgtttt	gtcaaggggc	agttycatga	gtaccaggag	300
agcacaattg	ga					312

<210> 17
 <211> 310
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(310)
 <223> n = A,T,C or G

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cacagtgtct	ttataaccga	gataatgaaa	tcttagctta	attttgtgca	agaattaagg	120
tacttgaatt	gattaaggca	cagatgtggt	tgggtctaaaa	ggctgtattt	tgtctgcttt	180
ttcacaaatc	tatggaaatt	gatttcccca	tcttgacagt	tgcttagckc	ccacgntccc	240
caagttctag	aattctggaa	agadccttca	tgtatggaat	gtcttctgtk	cagaggagggt	300
nctcagcata						310

<210> 18
 <211> 392
 <212> DNA
 <213> Murine

<400> 18						
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ctgcagtgtg	aaacaaactg	tgtctaagta	caagggtctc	ggaattacaa	agtttacaaa	120
gcagctctac	cacgtctcca	aggccaaaat	agatgccogg	aagagggaaa	ggggcaagag	180
agctgtccga	agcagtacac	cagcttaagt	gacatgaaat	aacttggaca	aggttcaaac	240
tgagagactg	cagttgagat	gaagtgggaa	aaaatattgg	aattcagtc	aatagagttc	300
acagaacacc	accttaaycc	tgcacccctt	bccaaaatgg	aaacaaagtt	gtwtcaaaaw	360
mtccagttca	tccaaggaat	ccaaacatsc	tt			392

<210> 19
 <211> 148
 <212> DNA

<213> Murine

<400> 19

ggaattcaaaa tagtggttgt ycttttagatg gaagatgtga gtcaaagcca aggtcgctct	60
ctctggaagt cagttagtag caggaccag agcgattgc tgcagtatag actgaacgga	120
aggaaaacca ctgcycaggg kgccgkkg	148

<210> 20

<211> 382

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(382)

<223> n = A,T,C or G

<400> 20

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aggctcggtc ggagccgga atgctgggac ttgtacgtcc gccggtcacg gccgcygcc	120
ccagcgacgt caccacacac ngcagaagcg gacgcccgg tcaagatgtc tctgccatgc	180
ccacgggacg cacggacgca cggacggacg gacggactcc acaaggkagg aagcctgcbc	240
cggagcgcac cggbcgacac caccacagca cacaggacac acgcgggccc bbsccccgcc	300
caggcacacg cggbacacac ggcacacacb ggcmaggcag gccaggscac mcgcayckcc	360
aggaccccbc ctgcmcccg cc	382

<210> 21

<211> 166

<212> DNA

<213> Murine

<400> 21

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tattgagggg gacatgtctg tacgcagtca ggccctgttg gcgtgctcct tcctccgtga	120
gaabcgctyc gttctgkkgc gcctcdgagg actmcgcgca ccttgt	166

<210> 22

<211> 206

<212> DNA

<213> Murine

<400> 22

ggaattcgct gaccgcatgc agaagccacc acacttttat acaggtttat acagcgtykk	60
caatcaaakc ctagacaggc acctacacc aakcttcaaa gtattttttaa aatkkccaca	120
aaattcaatt cttwgaatt totottagac actgttcaat ttaaattttt tkcaatkggg	180
acagaacctg gggtttgtg tttgtt	206

<210> 23

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<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 23

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tctaaatgct gtttgaaakc tgccagggtg attctcttat caacatgcac catcaaccat      120
ttgtgtcctt yyyccagagcc ttcacccckw gbtgtagggg tcnkctttga agtacatgta      180
ctgcatgtyc cccctttttt tkbcaactctc ggcatatatt actgtcagtc ccagagtctt      240
cttywgctgt gtyccaggkc tccytttttc cctcggttgc tttagktctt ctactacytg      300
tgact                                           305
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<210> 24

<211> 288

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 24

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gggtgattct cttatcaaca tkcwcacatc accatttggt tttcttycca gacccctcat      120
ycgcwgtgta ggkgtcagct ttgaagtaca tgaactgcat gtccccctt ctcttkcyac      180
tctyygttca cattcwgaact tctgwtccag atwwctttcw gtcygagggw cttytctkct      240
tcagatgtga atwwatgdtg sgagtacaag gttckggtag acaggtga                      288
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<210> 25

<211> 249

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(249)

<223> n = A,T,C or G

<400> 25

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ccagctcagg aagagcctct ccacacgggt caaagggcat ctttgatcag aagccttctc      60
aggtkctctt gtyctgctct ggdgtycctc agctgtctgc agcwcaccac agacactgtc      120
cattgctgtc tgccatgctt gtctttatgt cgtgtgtttc tcgtccctra vttcaacctc      180
tkncccttt cctaacaaca tgactacctc atktytnctt cagaccatag tkggaccctc      240
rggttccca                                           249
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<210> 26

<211> 288

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(288)

<223> n = A,T,C or G

<400> 26

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ttgtgcatag	tttttacaga	tatggattta	gcagactgtc	ttttcactgt	tatgggggtt	120
tttagaagtt	gagacatttt	tatggctgaw	waargtgaat	gktacyttct	taargtgctc	180
aactttctttt	atcaggaagk	gaaccycag	ktccattgtg	gcyaacgtta	ggcttggcct	240
ctttggtaat	aawtgcgtag	btctygtkatt	gaacngctag	gattaggc		288

<210> 27
 <211> 355
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(355)
 <223> n = A,T,C or G

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gatgcttcch	ccccccccc	ccacnnbtcc	agactttcat	tttctctccg	gtttgacac	120
aagagagaga	gagagagaga	gagagagaga	gagagcgcta	cagaagttgt	ttacaaacca	180
gagaactggt	cattaagtga	aaacgttagg	sagcacatgt	tccgcagaag	ataacaaaat	240
agatggsgka	aatagtgtag	tcgggtgtcg	agcaatatta	awctdtkeet	attcccvgt	300
aaataaagtk	aagccaccga	ttttttgttt	ttgagatctc	tatggrkgta	tggag	355

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 <211> 391
 <212> DNA
 <213> Murine

<400> 28						
gaattccccc	agaaaatata	aggatgccat	acactttata	attctaacac	cattgattaa	60
aaaaaaaaaa	aaaggaaaaa	atgctgccat	tttaatggca	ttttctcatc	aaaatcaacg	120
tgtgcttttt	atatttcaaa	ataaggcatt	atatgctatt	tcaaaaaaaaa	atttaagacc	180
aaaagtacat	gottactttt	agaagcatgt	acatttttta	aaaaggatct	attcagttag	240
caaatgagtg	ttgtgaagag	ctgctcacta	aaagctaact	gtagttaaaa	ggttatatag	300
tggcattttt	aagtgcacag	aaattcaamt	ttactttttt	caaaggattc	cacaagtgca	360
gtagtgcact	agtgtaccocy	setgaagtct	g			391

<210> 29
 <211> 276
 <212> DNA
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<220>
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 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 29						
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aggctcggtc	ggagccggga	atgctgggac	ttgtacgtcc	tytkgtcack	kbyknsccc	120
ccagcgacgt	cwccacack	kckcagatty	sgactyygck	gtcaagatgt	ctctgccatg	180
cccacgggac	gcacggacgc	acggacsgac	ggacggwctc	cacmarggta	ggaagccttc	240
ttcgakctba	mcttygstwc	caacacagca	cacagg			276

<210> 30
 <211> 330
 <212> DNA
 <213> Murine

<400> 30
 ggaattccat gattgttgaa ctactgggtc aaaactcaaa tgaggtgaat ttgcctttaa 60
 aggacttact tatgctaaga accaactaat agccgtgaga caatcacgtc atagctacca 120
 gtacaagtag agcaaatatt tatccattta gctctgagct ctatattata taatggagcc 180
 ttaaattctat gtgggttttta tcaatgggtt gtcttttgaa tgggtgtgga aactgtagat 240
 aaccttaacc aaggactgta caaacgtgaa ggtgtggtct yacwcttcag gtttaaagtg 300
 tttgadgcat tattagcawt cattcacaac 330

<210> 31
 <211> 455
 <212> DNA
 <213> Murine

<400> 31
 gaattcaaaa tatttctttt ctgtctcaaa agctattatg tcccattttg ggggtgtttt 60
 tagctctacc tcagaaaaac aaaagaagaa gaaataaaaa ataaaagtca agaacgaacc 120
 ctgaatttct aaggcttcca tccaatactt ctttaagctaa gtttaagattg aaattctttc 180
 tcaggctaatt gctgtgtgaa gcaaacaca ctcacattta gagcaagcat aatttcaaga 240
 gatgccaaat ccaagttcaa aagcccacca gaggcagcgg ccatggccat gatgaatata 300
 aagcatgaaa aggtgtgtct gtctccaggc ctctgtgaca ggaaaactgg ctggctgttg 360
 cagtcagtta aataagtctc acttcaagct ctkkbbcaga gccttctacc ctgctagact 420
 gttgctaata taaacamgta gttctgtgtc gtgta 455

<210> 32
 <211> 460
 <212> DNA
 <213> Murine

<400> 32
 gaattccaaa aaattattta aaawaaaaaa aagttctttt gatctttccg tacagtattt 60
 tagttgaaga ttagaattcc tttctctttg agaaagcaaa agttcctacc ttaacatctg 120
 taaaaaggaa ataagaggcg cccaaggctg taggctctaa ggaaatkgcc gtagacttca 180
 tcacagggca tctttgwtia tccagcaggg agttctgagt aggccaggct tctactaaag 240
 ctgatttctg tgacctttta gatggggact gtcacctcat taaacatagt cacctttgkt 300
 ttgaacagga aagttgggtg ttgtttgttt ktttttaaga cagagttgta ctgktatagg 360
 cakkgbtttk ccctgagtta actatgtaga ccwggctagt gccaaactta tcaaaatcta 420
 tctakctytt bcycwtgagw gttkkgatta arggtgtggg 460

<210> 33
 <211> 375
 <212> DNA
 <213> Murine

<400> 33
 gaattcggag tgcttatgtt tgagatgatg gcgggaaggc ctccgtttga tatcgttggg 60
 agctctgaca atcctgacca aaacacagag gattatctat tccaagtcac tttggaaaag 120
 cagatccgca tcccgcgttc tctgtctgta aaagcagcaa gtgtactgaa gagttttctc 180
 aacaaggacc caaaggaaacg attgggttgt baccctcaaa ctggatttgc tgacattcaa 240
 ggacatccat tcttcagaaa tgtggrctgg gacatgatgg gkbbaaagca ggtgggtcch 300
 ccctttaadc caaacatttc tkgggrgaatt tkgggtttgga taawttogat tctcagttta 360

<210> 34
 <211> 502
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(502)
 <223> n = A,T,C or G

<400> 34

gaattccttg	ggaatgaagg	gcggaatgtg	gctcagtggt	gagtgggtcaa	agtgtcccag	60
tgagggagaa	gtctggagaa	gggcagtggt	gagacctgma	amcctgaaag	cagctgcact	120
gtacacttca	tggccraagc	atcaatcctg	agtatgctgt	cacatgttaa	aacaactgta	180
cacattgaga	caagcagaag	tcacctgact	ctctcagtggt	gacagtgctt	ctccwctcac	240
gccactgtac	tgactgagga	cggatcccac	gttgggctgt	ctgcctaaan	tccanyttgg	300
rcmgcacacc	ctgaggagca	ggcaggcang	gctctgaaag	cagagcatga	tccagtcagg	360
gctcaggsag	cytcacahnn	ctgaagraat	catcagagtc	acatttcctt	cgtgtgtaca	420
accaggaagg	aggatgctgc	atgaacgcac	tgagaattca	ttcagtgaga	ctctgagaaa	480
agagcctgac	acgtcgaatt	cc				502

<210> 35
 <211> 496
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 35

ggaattctct	ttgcatagag	gtgcagccct	ggggggcccc	gchdhkhhhc	tcctccacgt	60
cctcggggac	cctggtctct	gtccctcctt	cactattgaa	ctcagagcta	ctgggggaaa	120
gaatgcaggt	tggagaaaga	ctccagggag	tccaagctgg	gcgagtcccc	aggggggctc	180
ggctcgctgc	tatcccaacc	cgggctccsa	gctgcccctg	aaggcgcttg	tcacaggcgc	240
gggtacctgt	gaaaagagac	gcgtgggcac	caccccacag	caggttgtag	acagtgatga	300
cgaccactct	gagggagbnc	tggtggagaa	ccacgtggat	gggaccatga	acatgttggg	360
aggbgtagc	agtgtctggch	vgaagcccct	caagtcaggc	atgaaggagc	tggtgtgttt	420
ccggggagaag	gtcaatgaac	agcaccsgca	gatgggcaag	ggtgccaaac	acctcagctt	480
ggagvggccc	aagaag					496

<210> 36
 <211> 424
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 36

ggaattcttc	cttcctttaa	tcttaagtaa	aagagacaca	gggattcaaa	aataaaaatt	60
tcttnnccat	tcccaggcct	gtacccagtg	ccctccatac	cacccttncc	ctctctaaca	120
gaagcaaggg	aggttcagct	taacagccgc	tggggggggg	tcagangggg	ggcttctgag	180
ctcagtgttg	gtctctttcc	aaatataaat	acatgtgtca	aaactkggga	actcctccac	240
acccgtcacc	ctgannccct	ccattttctgc	tgggtgttcgg	gatgggggaa	gccaggcacc	300
gactggctgg	gvgtttactg	cacacttttg	ggcatkgggc	cccaccagtc	tcctgcygct	360
cgttddtagv	aagagatggs	acycvggggg	yhhccccgga	twggtkggga	ggctccctgg	420
atgg						424

<210> 37
 <211> 496
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 37						
ggaattctct	ttgcatagag	gtgcagccct	gggcggcccc	gchdhkhhhc	tcctccacgt	60
cctcggggac	cctggtctct	gctccctcct	cactattgaa	ctcagagcta	ctgggggaaa	120
gaatgcaggt	tggagaaaga	ctccaggagg	tccaagctgg	gcgagtcccc	aggggggctc	180
ggctcgctgc	tatcccaacc	cgggctccsa	gctgcccctg	aaggcgcttg	tcacaggcgc	240
gggtacctgt	gaaaagagac	gcgtgggcac	cacccacag	caggttgcag	acagtgatga	300
cgaccactct	gagggagbnc	tgggtggagaa	ccacgtggat	gggaccatga	acatgttggg	360
aggbbttagc	agtgtctggch	vgaagcccct	caagtcaggc	atgaaggagc	tggctgtgtt	420
ccgggagaag	gtcaatgaac	agcaccsgca	gatgggcaag	ggtgccaaac	acctcagtct	480
ggaggvgccc	aagaag					496

<210> 38
 <211> 424
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 38						
ggaattcttc	cttcctttaa	tcttaagtaa	aagagacaca	gggattcaaa	aataaaaatt	60
tcttnnccat	tcccaggcct	gtacccagtg	ccctccatac	cacccttncc	ctctctaaca	120
gaagcaaggg	aggttcagct	taacagccgc	tggggggggg	tcagangggg	ggcttctgag	180
ctcagtgttg	gtctctttcc	aaatataaat	acatgtgtca	aaactkggga	actcctccac	240
acccgtcacc	ctgannccct	ccattttctgc	tgggtgttcgg	gatgggggaa	gccaggcacc	300
gactggctgg	gvgtttactg	cacacttttg	ggcatkgggc	cccaccagtc	tcctgcygct	360
cgttddtagv	aagagatggs	acycvggggg	yhhccccgga	twggtkggga	ggctccctgg	420
atgg						424

<210> 39
 <211> 160
 <212> DNA
 <213> Murine

<400> 39
caggaaatrg gacagtctcc aggckycaga ttggagggag crtaccatca cttgttgcac 60
ggagtccctt gkccctccgt ggggctcagg tkgkaagctd gcccctawgb cwgagcattg 120
bcccattcct cygggggtrg gasctcsawa tbybgctttm 160

<210> 40
<211> 533
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(533)
<223> n = A,T,C or G

<400> 40
gaattcggcc tgcacagact tctgggatgg cgctgacatc taccctctgt cgggttcaga 60
cagaaagaaa gtgctggact tctaccagcg agcctgccta tccggctatt gctctgcctt 120
tgctacaag cccatgaact gcacgtgtc ctctcagctc aacggcaagt gcatcgagct 180
ggtgcaggtc cccggccaga acagcatatt caccatgtgc gagctgcca gcaccatccc 240
catcaagcca aacaaccgcc gcagcagctg ghgctccgat gaagggatcg gggaggtgct 300
ggagaaagaa gactgcatgc aggcctgag ckgtcagatc ttcattgggca tgggtgcctc 360
ccagtaccag gcccggtgag acatcgtgcb cctcatcgat gggctgggca amncctgcat 420
ccgctttgtg taccttctct ttggaggatg agctcaggag caaggtgttt gcaaaaaaaaa 480
tgggcctgga raaaaggctg gaambccam atctcymh mbccaaccgg tga 533

<210> 41
<211> 512
<212> DNA
<213> Murine

<400> 41
gaattcaaaa tcactaacia ccataaaagt aaaaaccctt tgagaattaa aatgaacgaa 60
aatctatttg cctcattcat taccccaaca ataataggat tcccaatcgt tgtagccatc 120
attatatttc cttcaatcct attcccatcc tcaaaacgcc taatcaacia ccgtctccat 180
tctttccaac actgactagt taaacttatt atcaaaciaa taatgcta atcaacaccca 240
aaaggacgaa catgaaccct aataattgtt tccctaatac tatttatttg atcaacaaat 300
ctcctaggcc ttttaccaca tacatttaca cctactacc aactatccat aaatctaagt 360
atagccattc cactatgagc tggagccgta attacaggct tccgacacia acttaaaaaa 420
mtcattgcc cactttcctt ycacaaggga ctccaatttc actcaattcc aataccttga 480
ttawtatttg aaacaattag cctawtttat tc 512

<210> 42
<211> 711
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(711)
<223> n = A,T,C or G

<400> 42
ggaattcgtg taagaagcaa gagagagaga gaaagagaga gagabayaya bnyanyanya 60
nymnymnyab mhwgmrdsag nnnnnnncc tgnnmcagnc catncagggg nntttttttt 120

tttccnactt	nagnancaag	ntggnnctgn	cttnctnncc	aaactccnna	ggnkgntttt	180
atttnaaggn	ctgnaagntc	ggntgnccn	cgccccntg	nnttcnacc	nnaggncca	240
agnaagnacg	ntcttctnc	tgntntnccn	actctnnc	antaagnncc	ttnnccattt	300
nagncaagnt	ccttggnnaa	ctctctnat	ngcttngcn	agncagnctn	ctnccccntt	360
ccccnact	gntgntncca	gnsccnccat	ncgtcctaag	gtcatctcag	cagacgctgt	420
acgatgagca	cacagtcttc	cagtgaatc	cgccgtgatg	gtgatgagca	gcacccctgt	480
gagaggagat	tgattttgtg	gttactacgg	agcttctcca	agagaaggat	gagtacagga	540
taggcagagg	atgcctctgg	gacctcggg	gtacatggca	ctcacacctc	tcattgctgt	600
gacaggacac	ctgacagaaa	tgaccacgtt	tcaaactatg	gagccttttc	aggacatttt	660
aatagcaaat	aatgtkggaa	taggacatta	aatggtaggg	cataaacaga	a	711

<210> 43
 <211> 455
 <212> DNA
 <213> Murine

<400> 43

gaattcctgt	gctttccact	gtgtggctat	tggggggaag	tgctgtctta	agacattctg	60
atgtttctta	ccaggtttgt	tttcttcaca	gccctaggac	tggacaagaa	cagagtcata	120
gaaactgctc	ctctcagttt	ccgaagcctg	ctaggtgtac	ttggtattga	agctgctcta	180
gacagcctga	taagattgtt	cagtggagat	aacaactagt	ctcccgygg	caaacacaca	240
ggaacattgc	tgggctgagg	aacattcaaa	atatgttgac	tatgagcatt	tctcttttcc	300
aattagaaac	catatccttc	agacatgagt	ttgtgtgcat	tagtgggtata	ttacatatga	360
actcccatgg	cataaaaaaa	aatmmagcta	ttaagatatg	ttaatagtca	acatattttg	420
aatgttcctc	agcccagcaa	tgttctgatg	tttct			455

<210> 44
 <211> 225
 <212> DNA
 <213> Murine

<400> 44

gaattcgtga	cacatcctta	tgaaaagyaa	gggggtagtg	ctgtcactca	catgccagtc	60
gctaagaata	agcagtaact	aggaattatt	gagaagtgca	awccywgat	thaatcagyt	120
ctkaatctwc	agagccttat	agcmaacwag	aawwgcywgv	ayctgtagca	acttgggsc	180
acwkatkgt	aggwccwygg	tagtaacaag	agaggcacac	acttt		225

<210> 45
 <211> 368
 <212> DNA
 <213> Murine

<220>

<221> misc_feature
 <222> (1)...(368)
 <223> n = A,T,C or G

<400> 45

gaattcgttg	tataagtcac	aaaaatctat	gatgaaaata	aaacgaacaa	acaaaaagaa	60
gaaaagaaag	agaaaaacaa	aacaatactc	caccacatta	ttcattctta	cagtgaatac	120
ataacttcta	agtccatcct	aagtgtggct	ttcttcttat	actgcatcca	tcagatgttg	180
ttgcatgtct	gttagtccta	aaatgaactg	acaaatatgt	cttctctttt	tcagaaattc	240
agagtggagg	gtaaactatga	gcagaatagt	ctttttwaaa	ttttttacct	taaatccttg	300
aaggatatct	gcagttcacc	ctcctgcadg	gtcagtggtta	gaacctttta	atngctatmc	360
accatagg						368

<210> 46
 <211> 376
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(376)
 <223> n = A,T,C or G

<400> 46
 tgnntcgatg gatccatcga ggcttgcctt tgttgccttg ctcacctgtt gattgctata 60
 gagtccctgg ggtccaggaa cctgcaagag atgggggtga aggcctccta tgcataagggt 120
 ccataatcamg tgtgttgctt gcctgggtggc agcccacayt ttgtaccacac ttcctctgct 180
 ggctctagga gcctggaaca tgctcttccc cagcctgcct ctggctttcc ctgtggctcct 240
 actccgtgcc acagcacytg ggaagtcttt gtgtactaag tctcctgata gccagtkstg 300
 ctttagartg tggccgctyc ccaccgctkg ccgggacctat ccatttcttc ttccttcttc 360
 caggaagttg gagata 376

<210> 47
 <211> 650
 <212> DNA
 <213> Murine

<400> 47
 ggaattccat tattttaaact tattaaccac tcattcattg acctacctgc cccatccaac 60
 atttcatcat gatgaaactt tgggtccctt ctaggagtct gctaataagt ccaaactcatt 120
 acagggtcttt tcttagccat acactacaca tcagatacaa taacagcctt ttcatacagta 180
 acacacattt gtcgagacgt aaattacggg tgactaatcc gatatatata cgcaaacgga 240
 gcctcaatat tttttatttg cttattcctt catgtcggac gaggcttata ttatggatca 300
 tatacattta tagaaacctg aaacattgga gtacttctac tgttcgcagt catagccaca 360
 gcatttatag gctacgtcct tccatgagga caaatatcat tctgaggtgc cacagttatt 420
 acaaacctcc tatcagccat cccatatatt ggaacaaccc tagtcgaatg aatttgaggg 480
 gggcttctca gtagacaaag ccacottgac ccgattcttc gctttccact tcatcttacc 540
 atttattatc gcggccctag caatcgttca cctcctcttg ctccacgaaa cwgggtcaaa 600
 craccccaca gggtttaact cagatgcaga taaaattcca tttcgccct 650

<210> 48
 <211> 327
 <212> DNA
 <213> Murine

<400> 48
 gaattccggc ctttttttaa ggtgtaggga ccacgtgcaa atttcagcac agaccacagg 60
 ttctaggagg ctctcttctg aagttatata gtctttcaag aaatatcagc caaaagaaag 120
 tggtttatta tttttctact tttcttgaac ttggtaaaaa aaatagccat ctctaaatac 180
 taaagtattt aagtctcaag ttatatcaact tgggtatcaact tctgtmctgt gtttcttttc 240
 tttatmocca ccccttctgt gtctgggagg ccatatgctc atkctgcaa cdytggctcct 300
 gtgttaccag gctccagtgc tctctt 327

<210> 49
 <211> 297
 <212> DNA
 <213> Murine

<400> 49
gaattcagaa ggtcccttat ccttccctca agcaactctt ggtttcctgt tagatcctaa 60
ccctgatctt mtcagcagct gtctgtcagg cagtctccac cctgaaccac cttctgamct 120
ctygccatct tttgcctaaa catactatct mctttggggg actaagggtta tgaactgagg 180
gggagtggsc ctaggscct taaggtaggc cttctwcggg tctggggact aagaaaacca 240
gaacttycct aagytcctc tggvaagcct aaattccsst atgctcccc caaagca 297

<210> 50
<211> 160
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 50
ggaattcacc accaccacna ccttcagctc atcggatgta cagtttacag ttgagtaaca 60
gtgaacggaa ggattttctt tcttggtcgg atgtgcagaa cttgggatgt gtatatataa 120
atatataata trtataaata tatdtaatnc ngacttaaat 160

<210> 51
<211> 532
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(532)
<223> n = A,T,C or G

<400> 51
gaatwcgttc ccatgtagga ggtaaaacca attctggaag catctnannc ttccataaat 60
aactttaatw yttagcataa tdaengcett ngattgtctg nanctcagta gctattaaat 120
aacatcgagt aacatctgca tcaggchctc agaataataca gttgagttgg gagtaaaactg 180
aaaagacaaa tgtgttgawg dotatgccan gggaatctnd ctcaaagcct aacacagnad 240
dcantctcat ccagtgacd atnytgagc tacagatggg gatdgcaaag gtgtagaaca 300
cattttttca aagactaaat ctaaaaccca gagtaaamat ccgatgctca gagtttagcat 360
aatttgagc tattcaggaa twgcmgagaa atgcattttm acagaaatca agatgttaww 420
ttttgtaaaa chawawwcac ttagamaact gtgtttcatt tgctgtaawc agttttttaa 480
agtcaratgg aaaaagcaac tgaagttcct tgaatataga aaatgtaatt tt 532

<210> 52
<211> 467
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(467)
<223> n = A,T,C or G

<400> 52
gaattcgagg tgtggaggct ggtgctgagg cgcgggctgg gctggcgaag gttggtgact 60

tgtgtgcagc	cagtgaggcg	ggtcacctgc	angggggcct	tgaatgaagg	ctgctaggcg	120
agatcagtga	agaaggaagg	ggcttgggtg	gcggaggccg	gggagaatca	tggaggaaag	180
accngggbnn	nbaggctgat	ggsggggtta	ctgtagaagc	tgtccgagga	atctggagaa	240
angggagacc	ttngttttaga	ccgattttkc	aaancactgc	cccttgttgg	agctaccccc	300
ccaaaacccc	tgdnngdccc	ctgctaccga	caatgggcag	cctctgttgg	atgctccctg	360
tctgtccaag	ctctgaccat	ctctatatct	agtgtttgta	cctaggtctg	cctcactcat	420
tgaatggagg	aatgtttcca	gagtagggcc	aggtotttct	aaagtgg		467

<210> 53
 <211> 344
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(344)
 <223> n = A,T,C or G

<400> 53						
ggaattcggt	tcataatatt	tattttttca	tttggaact	ggggatattt	atttaggaag	60
gatggttcag	ctcttttaaa	tctttgggct	cactgatggg	gtgggggggtg	ggacacgggg	120
ttgaaggaa	ttgaaagtgg	ggaggaatgg	tactattggc	atgggggtac	ctggatttga	180
aaatggacac	atnhncyagc	tgagagtgat	gtcacthgcc	tgtaaaccga	ttattctttg	240
ggatgctgag	gcaggaggat	tgagagttag	ggactaataa	tnrctaggtg	ctgacagtag	300
aacaggaagg	agggtagaac	ctgagttttg	tngcctcttt	taaa		344

<210> 54
 <211> 402
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 54						
gaattcggag	acgctatncc	gcttccatcc	gtmddcdaga	ccctgccgga	gccgctgccg	60
caatggatga	tggggaggat	ctggtgtacc	aggcgaanst	ggcagagcag	gccgagcgat	120
acgacgaaat	ggntggaaac	aatgaadraa	gtagcaggga	tggacgkga	gctgacagtt	180
gaagaacgaa	acctttttwat	ctngttgcat	atnaaaaaatg	tgattkgatg	ccagaagagc	240
atcctggaga	ataatcagca	gcattgaaca	graggaagaa	aacaaggagg	gagaggacaa	300
wttaaagatg	attcgkgagt	taccggcaaa	tggttgaaah	ctgagbytea	agttaatctg	360
ttgtgaacat	tctggatgta	ctggacaaaac	acctcattcc	ag		402

<210> 55
 <211> 525
 <212> DNA
 <213> Murine

<400> 55						
gaattcgaga	agacttacag	tggtggcctg	ataaggtatt	tgggaaaagt	ttataccttt	60
cattagagtc	ctaacaacca	ttcactccat	taaatgtttc	tgtttgattg	aatgagactt	120
ttataggact	gttgaaaaga	ggcatcagtt	ttaaagtgtc	tatctgccc	ttgtttttaga	180
agcagaccac	tagagatctt	ctggtgcatt	cccaagctag	gtaccacatg	cacttgwtbc	240

ttgatgaaat	gaattagagg	attggggtg	tagtctcagt	aacacatgag	aattgttaca	300
ttcttttgta	ggcattgact	ctdmcagggt	tgaaatgtca	aatggaccct	agtttctaca	360
gggcaagctc	tagtcattga	tgcaggggtg	atgtagggac	gagataagg	ctatggattt	420
ccattttatg	aagtacgttt	gatagaccct	gtgatgctta	gtagacaaag	gagtaggcca	480
aatgagagta	ggggaggkkc	agaaaatagd	gccagaggta	aatty		525

<210> 56
 <211> 457
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(457)
 <223> n = A,T,C or G

<400> 56						
cgcggattct	ttatcactga	taagttggtg	gacatattat	gtttatcagt	gataaagtgt	60
caagcatgac	aaangttgca	gccgaatata	gtgatccgtg	cbgcccctgga	cctgttgaaac	120
gaggtcggvg	tagacgggtc	gacgacacgc	aaactggvdg	aacggntngg	bggttcagcn	180
gccggvgctt	tacngdhvct	tcaggaacaa	gcgggcgckg	ctcgacgcac	tggccgaagc	240
catgctggcg	gagaatcata	cgcattcggg	gccgagagcc	gacgacgact	ggcgctcatt	300
tctgannccg	gaatgcccgc	wgcttcaggc	aggngctgct	cgcctascsc	cagcacactg	360
gcggnntcgc	agcatgcctc	tagagggccc	aattcgccct	atagtgagtc	gtattacaat	420
tcactggccg	tcgtttttaca	acgtcgtgac	tgggaaa			457

<210> 57
 <211> 506
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(506)
 <223> n = A,T,C or G

<400> 57						
gaattccga	aaactcctcc	tgcccaaagc	tcccnntagc	tactacactg	aatccacaca	60
ggcttggtag	aaaccacagc	ggctgcccc	aatctgccac	agttaacgct	atatgtaaaa	120
cttgaaacag	actctyaaaa	cccctggtag	actthtagct	tcttgaggga	tcanttggtt	180
acagagtcag	tcaacatagc	aacntatdec	tccnrggcat	cnnggtacgt	caccaacata	240
nngsyttgnh	hagcccgcagc	cacacaacbs	ntcagbttac	nncgctmgca	gtachsvcnn	300
nardamgtgg	stgttynnw	ggcrgcmctt	nntyawcmr	cnkragcyrt	vkgnnnnnag	360
swkybntnsr	kawyyrkgsa	gccccaggac	aacaagccag	cagtttctac	ttctgcagct	420
ctttgttctt	aacagtctag	ctgacaagcc	accgttcaact	ccgaaatcca	ctcacccctat	480
tcaatagscc	tagargtata	tttaag				506

<210> 58
 <211> 304
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(304)

<223> n = A,T,C or G

<400> 58

ggaattcggtt	ggcaccaggg	cgccactaaa	ttaaattgag	tcagcgccta	aatggttctk	60
gcctgggtat	caggcgtagg	ttkgccagga	ttyygcttcc	ctaaatacgt	ttttctgact	120
tagactcatt	tgtaattatt	gttcatttca	tttgtgtttt	tttttcttcc	tcttttctct	180
ctctcdcdhh	hnhcbtcctg	tcacaatgat	aacaatttag	cattccagck	caaaaagagt	240
ycttntttga	gaagcaaaaak	caaggacaaa	gacaagtcty	cattggtcca	tccagctctc	300
tcaa						304

<210> 59

<211> 471

<212> DNA

<213> Murine

<400> 59

gaattccgct	gtcttcagaa	gagggcatta	gatccctggt	acagatgggt	gtgagccacc	60
atgtggttcc	tgggaattga	actcagaacc	tctggaagag	cagccagtgc	tcttaaccgc	120
tgagccatct	ctccaatccg	cagttattct	cttttacaaa	tatttyattt	ttacatgtgt	180
ttgtatgtgc	ttgtatgtgc	atatgtattt	gtagatatcc	accggagctg	aaattacata	240
caggtagctg	tgagcmccat	gtgagtgtgc	gggaatcaaa	ctcacttgcc	tttttcaaaa	300
tmagtccaag	ctcctaactg	ttgagccatc	tcctcaggcc	ccaactttct	gatattttca	360
aaataaaaagt	caacgggtaca	tctatgggca	ggatcgagct	atatgmaggt	cmcagtaactt	420
ccaggyytca	cgadvtagct	aatgtatrc	cggtgcttgc	taagaactat	a	471

<210> 60

<211> 32

<212> DNA

<213> Murine

<400> 60

gaattcctct	gcatagcaag	tgctaggasy	at	32
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<210> 61

<211> 333

<212> DNA

<213> Murine

<400> 61

gaattcccaa	atttttggtta	aaaataaaaa	attattctcc	ggctctacct	cgcctcccca	60
aaagataccg	agagccacat	gtgtgggttt	taccagtacc	cacgggagga	atcggttcca	120
tgtccaccca	agccaagggt	aaaagcccac	tcatctacgg	atgagaaaat	caatttgaat	180
cacctcagtt	aagcgttgcc	ttaatttaac	ttaattaata	agggggggag	aragattgga	240
ggacvatact	aattgaaarg	ggcaagccct	thacwgccyc	ccaacccaaa	atwaaaarg	300
ccggyygaac	mgsccttct	ccctkgwtyy	aaa			333

<210> 62

<211> 365

<212> DNA

<213> Murine

<400> 62

gaattccccc	gctcdagcgg	cgcgtttttt	tttttttttt	tagttttgtg	tcgtttaatt	60
aaaaaaactc	aacagggata	aaaaaacaag	cattttacat	aatgcataca	ttctcaacat	120
ctgcagatga	gataaataaa	agaaggctaa	agcagacata	ctgtgtattg	cttctctttg	180

gtaagttacc	aatatcctct	gcagaaataa	aatatgttaa	aaacaaaacc	catggtmtta	240
aaataattgt	cccttagtat	taacchaaat	attcagcaat	aattacagta	gatgtagttt	300
tcaaattggc	aagaatgcat	aatactttat	tctctgagg	gtaagtagct	gctttccaaa	360
attaa						365

<210> 63
 <211> 331
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(331)
 <223> n = A,T,C or G

<400> 63						
gaattctacc	tggccacctc	agacaaggag	aggaadgaag	atwgggccga	gagctcatgc	60
aagtcgtcct	ggctagaaag	cccaaaatgt	gcagcttcct	ggagtggagg	gacctcaaag	120
ttgtctataa	gaagatacgc	cartctctat	ttctgctgcg	ccatcgagg	gccaagacaa	180
cgagctgatc	acactggarg	ctgatccacc	gatacgtaga	gctcttgac	aagtacttcg	240
gmarcgtatg	tgagttggaa	cawcatctty	maactttkag	gaaagcctam	ctttawtctg	300
grmsgagdt	tytkawtggg	tnrgggaatg	a			331

<210> 64
 <211> 554
 <212> DNA
 <213> Murine

<400> 64						
ggaattcctc	gctgcggctg	cgggatgggt	ggcgggtggc	ggaagcgccg	gacggccggg	60
gcgggaccgc	agttgtgaca	aagacttttc	atggtgcagg	cttggttggt	ccagtagata	120
aaaatgatgt	tggttaccga	gagctccctg	aaacagatgc	tgaccttaag	agaatctgca	180
aggcagttgt	cgacgctgca	agssaccgag	gagagactga	aagcattcgc	tcccatcag	240
gagatgatga	cttttgtgca	gtttgcta	gatgagtgtg	attatggcat	ggggctggaa	300
ttaggaatgg	acctcttttg	cyatggctct	cattattttc	acaaagttgc	tggtcagctt	360
ttacctcttg	cgtataatct	attgaagagg	gatctgtttg	caaaaattat	tgaagatcat	420
ctggcaagca	gaagtgaaga	gaacatagac	cagcttgacg	gatgaacaag	ctgccctggt	480
agtgcagtg	ctttgaagtg	ggaccagcag	acggggcttt	gtttttaagg	aatggagaaa	540
taaatgaatt	ccmc					554

<210> 65
 <211> 333
 <212> DNA
 <213> Murine

<400> 65						
gaattccctg	gaggagctca	tcgactacac	cggcggcctc	aagcacgaga	tcctgcagag	60
ccacggtcaa	gatgctgaat	tatcagggac	actttcactt	gttyctgaca	cagtgtctgca	120
aaagaataaa	ggacactgtc	cagaagtttg	cctctgacca	caaagacatc	catagcagtg	180
ttctcgagtt	ggaaaagcca	ttgatargaa	ttttgattct	gacattaggc	argtkgtggg	240
gaatwgatgg	yytgctkgcc	aggccagrac	agccmaacgg	cttctcaatk	gaggtcatkg	300
gktgggraaca	ackttctttc	cggaccaagg	raa			333

<210> 66
 <211> 439

<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(439)
<223> n = A,T,C or G

<400> 66
gaattcgttc gtgcatagcc tccacactag ggttacagat tactgtgtgt ggggtgtgtgt 60
gcgtgtgtgt atgtatgaga tatatactgc tagctcccca gaactagtct gtggggatca 120
tcttcctggg taactgatgc acggcccaag ttcggcaaca gcatctcaag gcagggtggc 180
ccgggctgta taagaatcta gccaaagcatg agacaattgt tttcctagct gatgcattgt 240
atttacaaat tagaacatgt caagacagca agtcttctcc ttagataatt ttcttggtat 300
ttcaaatacc tacagtgcnc tgacttcaac sctggggrrd arggarardr vcacaaccct 360
aaatacytgt ggcggctaas cgaacagaar ggggcatgtg gtgaagacca rcctgggcta 420
tatggtgaga attccacca 439

<210> 67
<211> 537
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(537)
<223> n = A,T,C or G

<400> 67
gaattcccg c atcatgggtt gtctaatoct taggaagcga cctcggttggg tttccttttag 60
gtccaggtag tatttcctat tgtccctctc tatatagtcg gttttgagga cactgtgagg 120
atgctcttct gaccccaactg acaccgggtg ggagggtgca gaatgcttct gcygcctcct 180
ggagacttgc tctttgctct ggccatgctc ctgtctgtgg cctttcagge ccagatgggc 240
atagtctcg atgaagtygc ctagacagtc cttcagctct gctgctaacc acagggagag 300
ggtcagttta ctctttctga tattgtcctg ccggcctctc cctatccaga cttyggctat 360
cttttaggaag cnnbcccggg agctctgctt cacgtctagg taaaaccyct ttttyts gat 420
gtccacacgt ttggaggcta gctcctggat ttcsgatgtg cccccagact gattaggggt 480
bgctgahtcg gagtagtkgg gggtagttag aatdctgggb ctggggatag aggctac 537

<210> 68
<211> 435
<212> DNA
<213> Murine

<400> 68
gaattccctg gttatgtggg gataaaaatc ccaggcagcc tctaccaga tgccagtcac 60
ctagtaaaaa caacccttta tagtttttta aacttaaaaa gacaacgctt gaactcagaa 120
atgtaatttc taactcaaca ctaacctggg taatatttaa taactgcagg aacaagtggg 180
gagggggcac gatgacagaa tcgattagga atttttaact gttgaatgca cataagaagc 240
catcagccaa atgaccaaca aagcagtctt aaaaattcat caggcctgag taatcgaact 300
tcagtaactt aaaccaccca tggggcagtg tgcatggaaa tccctcttkg cbctcccta 360
aggagagcag tctaaagaac agataccact tctgckaat tccaccacac tggckggccg 420
ctcgwgcag catct 435

<210> 69

<211> 317
 <212> DNA
 <213> Murine

<400> 69
 gaattccaga ctgacccggg cagccaaggt gttggagcag ctcacaggcc agaccccggt 60
 gttctccaaa gctagataca ctgtcagggtc ctttggcatc cggagaaatg agaagattgc 120
 tgttcactgc acagtccgcg gagccaaggc agaggaaatt ctggagaaag gcctgaagggt 180
 gcgggagtat gagttgcgga aaaataactt ctcgatact ggaaactttg gttttggaat 240
 tcaagaacac attgacctgg gcatcaaata csacccaasc atkgggatct acsgcctksg 300
 amttctatct cctbctc 317

<210> 70
 <211> 340
 <212> DNA
 <213> Murine

<400> 70
 gaattcggcc gagcgccgct tttttttttt tttttttttt gaggcgggca gctaaggaag 60
 gttggttcct ctgccggtcc ctcgaaagcg tagggcttgg gggttggtct ggtccactgg 120
 gatgatgtga tgctacagtg gggactcttc tgaagctggt ggatgaatat agattgtagt 180
 gtgtggttct cttttgaaat tttttttcag gtgacttaat tgtatcttaa ataacctacc 240
 tatagggaac maagggaagg tggttttwtat tkaccctgr aagggaadttt tyttctgggt 300
 grataggctt tttwttwttt ttccaagtta agaggrtact 340

<210> 71
 <211> 398
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 71
 cgcgatagaa gacagacnng btagagaggy ggagyaayyc agcagcagaa tncttgccga 60
 gcacgaagcc ccagcttcca tccctcctgt tgcaagaaat aaattaattt taaagtgcc 120
 tttaaaataa aggcattgag ccaggtggtg gtggagcaca cttttaatct cagcacatag 180
 gagtcagagg caggtggatc tctagagttt gaggccagcc tggctatat aaagtgagtt 240
 caggacagcc agggtttgtt acamaagaga aaaaagatg ttgtaatttg gagtaaaaca 300
 aacacaaacc gaagaatctg ttacaggaat aatktgagag agtcacygct ttagratgaa 360
 tactgtgggg ttttctcygt gtgttcttgg ggtgtttt 398

<210> 72
 <211> 618
 <212> DNA
 <213> Murine

<400> 72
 gaattccccc taactgcttc ctgctagaac atcaatttac tttatcaagt tcatactcgt 60
 gctttgaaaa gaagaacagc aacacaccac agcatccatc gggcctgacc ttctcaaagt 120
 aaacacagag gggcctctga aaggcaagaa ccattaactc ttaaaattct tctgaccttg 180
 gagtggaggg ggtggggagg cagtggatac gtgtgcaggc atagtagtga cagaactcag 240
 ctgatgttct ggggttgggc ctgggagaga tatcatagag gactcggccc atttttactc 300

tctggcctaa	agattttgaa	ataggaccaa	gttggtccatg	aagaggggct	gagaagccag	360
aaactgggtat	tatagcataa	ttttagaact	ccgtgtgctg	tgatgagatg	ctgccaggct	420
gagctgcbgc	ctctgagatg	ctcggcagtc	agagtgttgc	taagaaaacc	cctcagtata	480
ggaacagact	ctaggtgcct	gacatttgtg	gctctagcat	ctatattcaa	tagttthcac	540
atgataggcc	tgtaaaacat	atgtttctga	ggacaagaca	tttctaagag	agctctggag	600
gttatttgaa	cagggtttt					618

<210> 73
 <211> 531
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(531)
 <223> n = A,T,C or G

<400> 73						
gnnggcgcag	gtgggtvgmat	tcttatacaa	accgacaact	gtcaccaaag	cttataaaaac	60
acgatagtag	tgtccctctt	ttctgaacca	tcagaagaca	caaaactggt	agtgcacaaa	120
acggtgacag	gtagctggga	cctaggctat	cttattatga	aggttggttt	gcttggttga	180
tatttgtgta	tgtagtgtaa	cgaatttgta	ccatagagga	ctgtccgtaa	ctactgttta	240
gcttctacac	attgaaatgt	agatgtttca	ttggctgtct	gaaaagggtg	ggcttgtcct	300
tcctagagag	atctacttaa	aaactgcttt	gtgacaaaaa	ccacacctga	agaaatttta	360
agaatttggc	ccagttagtc	actctgtgta	atcccggaat	ctagctgctg	aagtcttgcg	420
aagtaaactc	cccgtgaccg	atgtcagtta	agctgggtgat	acctggagad	gtggtcagtt	480
gctaaggaag	tggatttccc	agtaggggtt	tctgcacctc	acctgtatag	g	531

<210> 74
 <211> 491
 <212> DNA
 <213> Murine

<400> 74						
gattcgaaca	taccacctct	gccccatava	ctgttctctc	cgggggaaaa	aaatggaagt	60
tacctcacag	ttcactgccc	tggtattttca	tctgtcccat	gctttgcatg	attgccatgg	120
tacagcattg	tttcaaactg	ttcactgtga	tctgtgggtc	tttgagtttc	agtgagtttg	180
ctgaaatgtc	gaagaaatat	ttccaaactt	caatgttcaa	tgaaattttt	gttcaagtgt	240
gaaatggaga	gagcagcttt	aaaagggtact	aagcctttta	caaattgggtg	agtactggca	300
catgagacct	agagcaggac	caacttctca	cacatagtca	gtgggaaaag	aaagtgcctt	360
gaaagttcct	ccctcmcccta	cacagtatgc	gtcatgtcga	gacctgccag	agagagacac	420
attctcaagt	gaatcctggc	ttcttggaag	cgccttsctt	agacgagaca	cagtghcatt	480
aaaacaactt	t					491

<210> 75
 <211> 389
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 75

ggattctcta	cataatttga	aaggaggcan	ngtctcacta	tatggctaag	gctatcctgg	60
aacttgcgat	cctcctatct	cagccttcca	agtgctagga	ctacagggtg	gtgcatctcc	120
actatcaggc	ctcacttgta	gatgggaaac	aggagtcccc	catctgagaa	tatgcatggc	180
ctcactaata	aagccaggac	cacaccacag	cagtccaggt	tgtctbcggc	gatgggctga	240
ccttctggga	catatctact	ctatgtccaa	gccaaggaca	ctgmctttcc	ccatgtgaac	300
ctagtcctca	gaaatgagcc	aycccttcga	atggatttat	gccactggat	gtgaaaaggg	360
atgctgttgt	tttgttattg	ggaagccct				389

<210> 76
 <211> 605
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 76						
gaattcgctt	gcttcaaagc	cagccttttg	gatttcagat	gagccgcggg	taccgcgaat	60
ctatgtgcca	ggacgccaga	cccgcttatt	gaaatcagag	ctctattttg	ccggctggga	120
cccaccgccc	agagccacct	aggtgctagt	cgagggcgca	cggagctgag	ctctcccgcg	180
gctcctgcac	ttccttcggt	ccggcctggt	cttggcactc	gggctgcttg	atttggtggt	240
gcaagaaagg	tatgcgttgc	atacgcccta	gccctttgct	ccaacgctct	cagccccctt	300
ggctcagaca	gtccactcct	aggtctgggt	ctcacggcct	tccctgcagc	tggcttagct	360
gagaaggcgg	tgagagtcgc	gtcagcagtt	ttggaggaga	aagtgcgggt	tgattattga	420
cccacgcctt	ctttcttcaa	atgccacatc	cgaccctgag	ggtttgaaga	gaaaaagcgg	480
ccgagcbghw	ttnnycggcc	ggctctcacc	tcctamacgt	cccgggctct	tccctttcaa	540
gttgccgcgc	tgcaatctgc	cataaggagc	aagtgtttgc	tgttttgtgc	tctgtttaca	600
gcttt						605

<210> 77
 <211> 465
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(465)
 <223> n = A,T,C or G

<400> 77						
gaatttcta	gcgtgcgcga	gtcaggggct	cgtccgaaag	ccgccgtggc	gcaatgaagg	60
tgaagggccc	cgcccggggg	gcccagagtg	ggatcccgag	gcctctccag	tccgccgagg	120
gogcaccacc	ggcccgctct	gcccgcgcgc	ccggggaggt	ggagcacgag	cgtacscgtt	180
taggacccga	aagatggtga	actatgcctg	ggcagggcga	agcagaggaa	actctggtgg	240
aggtccgtag	cggtcctgac	gtgcaaateg	gtcgtccgac	ctgggtatag	gggcgaaaga	300
ctaategaac	catctagtag	ctggttccct	hcnaagtttc	cctcaggata	gctggcgctc	360
tcgctcccga	cgtacgcagt	tttatccggt	aaagcgaatg	attagaggtc	ttggggggccg	420
aaacgatctc	aacctattct	caaactttaa	atgggtaaga	agccc		465

<210> 78
 <211> 681
 <212> DNA
 <213> Murine

<400> 78

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gaattcgag cagcagaaga tgggcgtcta aaaagggcg atcagatcat tgctgtcaat 60
gggcaaagtc tagaaggagt gacccatgaa gaagctgttg ccacccctcaa gaggacaaag 120
ggcacccgtca ccctcatggt tctctcttga agtgactgcc agagctgaag cagcccagcc 180
actggctccc ctctactgt aacagagagg acctgtttgt atgctgtgtt ggtcggagaa 240
aactacaggg aggcgagaaa cagagtgttt gttactcaca gccaaagcatc atttttcctt 300
tactctgcat ttcgatgatca tatactcaaa aagaagagat atttgcatag ataaacctca 360
gttttatctc gacaatatct aacaatttaa ggtcacgtgg acaaaattat tatatgttca 420
tcttgtagt gtggaaacaa aatgatacaa agttaggcaa ttaggttaaa gatggaaatt 480
tagagaaaaa gaagacagtt ttgagtttta taggacttct tcaatccagc agtccaaaag 540
aagaaaagaa agtgcttgca atacttttga atagtctact gttttaaaat tgtgacatat 600
tggtcctact tacctctaata gcatattttt ctgctaaaat tgtttagcag tccttgtaag 660
ctttaaaagr aattccygtt t 681
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<210> 79

<211> 538

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(538)

<223> n = A,T,C or G

<400> 79

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gaattccctt cagaattgtc accccacata aaaagttttc catcctcagt aagagcagcg 60
gatgtattgg cgccagcaga gagctgttta atggtatcag caggtgtaaa gaagacaatt 120
tgatgaaagg tgtctctatc gtcagtgtca ccaagcccca gttgaccttc attatttcca 180
ccagctgcat atacgccacc agtatctgtt gaaactaagg tgtggttcct tccacaggca 240
gcaagtttca cttctctcagg cttaagagct ttgatacatg ttggcttgat gatagcagct 300
tttgatccta atcctaactg accccagttg ttactgccga acatgtacaa tttattattt 360
cctgtaacaa tagcagtatg ttcactctca catgaaagac atatgggtat gtcattttta 420
aaccagaatt tgctaggaat attttcggca aatttagttn nncaaacgtt aaaaacagca 480
cctgtatcgg gcaccagtga ctcagattcc gccatgccga agcctgcgaa cggaatct 538
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<210> 80

<211> 130

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(130)

<223> n = A,T,C or G

<400> 80

```
gcgcttctng ckrnngtcat ggcattentag gagngtgscc aatbrcgcsc ctattakgtg 60
gastgcgthn tttarcratt tacasctkkg gccgggttcgt tttttagcva accgtayggt 120
sgatcttggg 130
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<210> 81

<211> 422

<212> DNA

<213> Murine

<400> 81
 attctcaggc ctcttagtc actgagacca ggctcttccc atcaaactcc ttgagctgct 60
 gcacgcagta ctcgtaata ggctcagtea tatacaccac ctggaagccc cgcttccgca 120
 ctgctccac aaaggcagag ttggccactt gctctttgct ctccaccagt atatatagtaga 180
 tggacttctg ggtctccttc atgcgagaca catactctga caaggaggtc atctcatctc 240
 cagactgaga ggtgtgatag cgaaggagct cagagaggcg gcbgcggtta gtggaatctt 300
 catgaattcc aagctttaaa ttcttggaaga aggcctcata gaacttcttg tagttctcct 360
 tgtcctcagc cagctcggag wakatgctyc ahggcacttc ttgacgatgt tcttgcggat 420
 ga 422

<210> 82
 <211> 383
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(383)
 <223> n = A,T,C or G

<400> 82
 cgcagtgtgt sntcgcattt agtttttttt tybbgcacct tattcctgtg gtgtcttcac 60
 tagagataat cagggtgccca ctactgcttc ttactttgat accttttagca aaaatcccaa 120
 tgaggttaatt tatggttttag taaatgaact caatagcttt ttkgtttcaa gagtccaaca 180
 atcctaattc cttgaacttt ttcttagagg ttatatcttc caatcttggt tttgtttctt 240
 ttaawtttgt tcyttawctt tctctcatc tyacgkkatt tctgaaacaa caccctacta 300
 ggaawttgag cccmcagttc aattkgacct cacctcctaa gaagtgggsc ttcttttcag 360
 tggaccacca ctwaaaggra aac 383

<210> 83
 <211> 609
 <212> DNA
 <213> Murine

<400> 83
 gaattcctgt gggcaatgac acacacacac acagagttag ggagagagag acagatacac 60
 acatacattt gaatgaaatt ttaatttaac tcatgtaatg cccttgagac atggaaaacg 120
 cagtgtgtgag gttaaaccat acaagcttaa gactttgaca gcatcaaatt gatcaccacg 180
 ttactgtca gaagcacaga attcatggtt tcccactttc ttctctacgt tagataagct 240
 tgctagtgtg gagtttgtca taggcgatgt cttgttcaga taggctgtta acgattcaca 300
 gttgtttcta attaaatat agtttttaag ttattgatgc ccccatgtgg tgaaaagcgt 360
 atctttcctc tgttagaact tggaaatgac tatattttca ttttaataaa agtggataat 420
 aatgtttttt ggaaatgctg ttgatcaggg acataatttg aattttgtaa agctcattgc 480
 cataaaattc acagcctcac cctgtgttgt ctcagaagtg catgtaacca agcacgcca 540
 ttgagacaaa gtataagaga gactgagtta tagaatagcm tagggcttth tcygatccat 600
 gtttgdtga 609

<210> 84
 <211> 325
 <212> DNA
 <213> Murine

<400> 84
 tcagaccaac atcaatcgat tcattaaata tcttacacta ttcctgatta ccatgcttat 60
 yctcacctca gccacaaca tatttcaact tttcattggc tgagaagggg tgggaattat 120

atctttccta	ctaattggat	gatggtacgg	acgaacagac	gcaaatactg	cagccctaca	180
agcaatcctc	tataaccgca	tggagacat	cggattcatt	tagctataag	tttgattttc	240
cctaaacata	aactyatgga	gaacttcaac	agattatatt	ctccaacaac	aacgacaatc	300
taattccact	tataggcct	attaa				325

<210> 85
 <211> 360
 <212> DNA
 <213> Murine

<400> 85						
ttcgatggat	tccatcgagg	cttgcccttg	ttgacctgtg	cacctgttga	ttgctataga	60
gtccctgggg	tccaggaacc	tgcaagagat	gggggtgaag	gcctcctatg	cataggttcc	120
atatcagtgt	gttgcttgcc	tggtggcagc	ccacatttgt	acccacttcc	tctgctgctc	180
taggagcctg	gaacatgctc	ttcccagcc	tgacctgtgc	tttccctgtg	gtcctactcc	240
gtgccacagc	acttgggaag	tcttgtgtac	taagtctcct	gatagccagt	gcgctgcttt	300
agargtgtgg	ccgccttccc	accggcgtgg	ccggggacca	tccatttctt	cttcccttctt	360

<210> 86
 <211> 456
 <212> DNA
 <213> Murine

<400> 86						
gaattcggtt	cctgacatca	agaaaacact	gcaagttccc	aggacaacgg	ggacagagct	60
gaagctgggg	acagaagcag	ggtgctccct	aggctacttc	tgtctggttt	tccagccacc	120
cagaccctga	cttggggcgt	gagtccttaa	aatagctaca	gtacaagtag	gtatatgaaa	180
gtggagtgtc	cttcagagtt	caagctacta	caaaatgata	cctgtcccct	ccagggaatc	240
ccaattcaga	agtcagaatt	aaagtggcca	attatctctg	agacagggag	agagagacag	300
ccttggaacg	ttgcatccat	gaggacagta	atttgtaa	gctaaatggg	atcccccttc	360
atacaatgtg	gcaaggsata	tatgtcttaa	aaccagcttg	agccagggtat	ggtgatacac	420
yyctgcaatc	caaacamytt	gggaggcgta	gagaga			456

<210> 87
 <211> 274
 <212> DNA
 <213> Murine

<400> 87						
ggaattcgat	cggcctatcc	cactaaactg	ctggctggag	ctctgagagc	tcctccctgc	60
tgaggcggtg	ctgctcgccc	cgtaagtgcc	agcagcatat	tcctgcgccg	tgtagccact	120
ggttgccata	ggcagctgcc	ccataggtgc	cttgagcata	ggtgtattgg	cctgcttgtg	180
ccccaaggc	agaatttggg	cttccatagc	cactgccatt	agcataactg	gctctatcgg	240
gtttccacta	csgatccctg	taagcttgta	gaat			274

<210> 88
 <211> 521
 <212> DNA
 <213> Murine

<400> 88						
gaattcgtaa	aaggaggcct	cgaatctgag	tgacaatggg	cccttctact	ccaggggacaa	60
tgattgtatc	cccttccttc	aaacgtccat	tgatcaatat	gacatctatt	gtgggtgcca	120
ttcctgggag	agctttaacc	tccatgactt	gtgctctcag	ctcttcacag	tgtgcaagcc	180
tcttgctcaa	catggtttga	gttaactcca	caagaaggta	gatgagactt	cccatgccat	240

caccagtatg	tgcagaggta	ggtaccaagg	acacgaaagt	gcgggggata	tttattctca	300
taaaacaaag	cagcattcaa	accctgctgt	gcaaattcta	caataatggc	ctttgcacgc	360
tcctcaaatt	catcctttgt	atcctttctc	tgttttttta	aagtaacagc	cwcactctagr	420
atcaggastb	tttyttccaa	tcatataacc	tgttcaatct	ttattaagtg	caacaatgaa	480
ggggcacttt	ttagatttga	gaatkttgat	tgattcaatt	g		521

<210> 89
 <211> 575
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 89						
ctcagctatg	cadvvvntg	gtacgagctc	ggatccacta	gtaacggcgc	ccagtgtggt	60
ggaattcttt	tttttttttt	tttttttgaga	cagggtttct	ctgtatagtc	ctggctgtcc	120
tggaactcac	tctgggatca	gggtggcctt	gaactcagaa	atctgcctac	ccctgcctcc	180
caagtgtggt	gattaaaggc	gtgcaccacc	actaccgcc	ggccactgat	atgccttaag	240
tgacagacat	tatgcttgtc	aattagcttt	cacaaacagt	actgtctcta	caaggcattc	300
agatacaagg	agcctcaagt	atctcctacc	tgataagtca	tgtcaagagg	ctgcacttca	360
tatggggtca	tttataatgt	acatgatttt	atttgtatat	tactactgat	catgtaccag	420
ggaaactatt	ctcagaaccc	agtttttgtt	ggaawacaaa	aagtgcata	tatgactcaa	480
gtgcaaaara	aatcctccaa	ttttattttct	gtaaggacag	gctgggcctg	atgcacacag	540
gtccctcccc	ggactagtaa	ggcaaratgc	agcta			575

<210> 90
 <211> 449
 <212> DNA
 <213> Murine

<400> 90						
ggaattcttt	tttttttttt	tttttttttt	tttttagaac	aactcagcaa	aataaaattc	60
cggtttattg	ttggacattg	tttcacacat	acatcaaaca	ggccaaaaaa	aaataaacag	120
caacttcata	gacagaaaga	aaaggaaaaa	aaaaatcttt	ttatcttttg	cctttttaac	180
catctcatac	aaaccaacta	cttatagtag	agctaggtac	atacacaaaa	gttactggaa	240
tgctcggaat	aagattgttt	ttttgttggt	gtttttgctt	ttttttacaa	ggtttttttt	300
ttctcctttg	agattataat	gaacatggtc	acaccacaag	taaagtctga	agtaggacag	360
aaaackctct	gaaggctggt	ttggtcaccc	gttatcatta	aaaatggctg	gacccttaac	420
aatatgttac	aaaaatttaa	aatgttaatt				449

<210> 91
 <211> 487
 <212> DNA
 <213> Murine

<400> 91						
ggaattcttt	tatcataaaa	gtgttgacgt	ttatttatta	tagcaccatt	gagacatttt	60
gaagttggaa	ttggtaaaaa	aataaaacaa	aagcatttga	cctgtatttg	gtgggtgaaa	120
cagcaaaaaa	ttgtattctt	tttttgtcaa	attatgcttt	ttccaaaagt	ttggaaataa	180
ataactggaa	tttagttggt	cacttgcaact	ggttgataag	attaaaacaa	gatgaacaca	240
tggtatgtgt	ttttgttttg	ctgggggttc	agagagtttd	gcttataaaa	agcaaacagg	300
kccaatgtcc	acaccaaatt	cttgatcagg	acccccaatg	tcatagggtg	cgatatctat	360

gatgggtagt	ctcattddcct	tgcgtgtttg	atattcaaag	actgtcttde	dccattcccc	420
agtgtgttta	gtacagccat	tcctctagaa	ctgtgtaagt	gaatttdctg	tttccttcca	480
gccttga						487

<210> 92
 <211> 399
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 92						
ggaattccag	atcagctcca	acccggnngct	ggcagccatc	tttgaaagta	tccagaaaga	60
ttcttcgtcc	accaacttgg	aatcaatgga	cacgagttag	atgtgtgcnc	cccgtgagga	120
ccattccatg	tgaccgcaca	atgcactgaa	cgacaggttg	accacagcca	cgggagagaa	180
gtgtccagag	cttcacgatg	ttccacttta	ctttccttcc	cgggaagtgt	gtttggcttt	240
cttccattgt	tgtttttgta	gcttttwctt	cagaagtctg	tatttccata	agccagaggt	300
tgtaaagcca	ctgatgtttt	tagtggttag	ggcaacattt	gaaatgggaa	cttaaddnct	360
tggatttatg	aaatgtggaa	atagggtcca	gtatctgtt			399

<210> 93
 <211> 343
 <212> DNA
 <213> Murine

<400> 93						
gaattccccg	gatttcatga	tttaaaagga	aacatggtgg	tattaaccca	cttggcaggt	60
gtcaaactct	catgaccagc	ttaagacaga	tcctagacgg	aaagggaggt	gcagcccaag	120
tcagggtctt	ggggtgcaca	gggagccagt	aaggaggaga	ccgtctgggt	ttcttcccag	180
atgttaacat	cttcttggtt	cttactcact	cccacccttc	ctcgtaaaca	aatcaaggcg	240
agccctctaa	ggctggagat	agcccagtc	agctcagatt	taatactota	gcccttcccc	300
ttgtgttatt	ttthmcmagc	tgccttctgc	ctccaacata	tga		343

<210> 94
 <211> 203
 <212> DNA
 <213> Murine

<400> 94						
gaattcgaac	aggccaatsa	ggagcttcga	gaacttaycc	agaatgtsaa	agacttscct	60
cagccgtgag	cctcccatgt	ggcccaggcc	atgtgcttgc	ttccottgtg	tctgtgtgta	120
cttgagtctc	ggtgtctgca	atggacatgt	gtttatracc	ctatgtctgg	ccctgagtc	180
ctgtccagtc	aatgtsccta	agt				203

<210> 95
 <211> 441
 <212> DNA
 <213> Murine

<400> 95						
gaattccctc	ctcccgcagt	tgacaagcca	agccgcacgc	tagcttcato	accaactcgc	60
tctcgtcca	ccatcctgga	accctttccc	agcttcacca	ccacatccgt	atggtcctt	120

cttcctagct	tctccaccg	aaccgcactc	tttcctgggc	tatcttcacc	atgcactgct	180
gctgchggct	cctcagtcct	tcctagcttc	accaaactgg	cttcgggact	cctgtctgcc	240
gctcctgtct	tcctagttca	ctgaatgcac	ttctgtgtag	acctgggtca	gctgccaatg	300
ctagtcgtta	ggattttaaa	agcacctcag	ctcaagtcca	atgcaaaatg	ctgacaatct	360
tgaaactggt	atcaaaagtc	cttttgtcat	caagcaaaat	taagctacaa	gttaaggctt	420
ttaatatctt	ctaactctta	a				441

<210> 96
 <211> 390
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 96						
gaattctgga	agtgtgagcg	tctctggagc	agattttttc	cggggccggt	ctttgggaat	60
ggacagaaat	tctggcgcat	ctgtggagag	aggggtggat	ggggcgctgg	agggggcgct	120
gcgaccgag	gaaggcagta	gggcgatgct	ggagatagaa	atggccggtg	ggaaawhgcc	180
aatcttcttg	ttggtggctt	cctgagtggc	tctttcgaac	tctcgcaactt	catccattgt	240
catgtcttca	aagggaaaag	cggagaaaag	aatagttact	gttcggachg	gcaaatgggt	300
twnhhnnct	aaatctgggg	acactaccat	gaagctgatg	cctacccaat	cacaaacttg	360
acatgtcttt	gaaatattag	accctcattt				390

<210> 97
 <211> 426
 <212> DNA
 <213> Murine

<400> 97						
ggaattcctc	ggatcatcact	gggaagagag	gcccctttgt	cttaaaaattt	ttatatgccc	60
cagtacaggg	gaaggacagg	gccaagaagt	gggagcagca	tggggggggg	tgattttcgg	120
gatagcattt	gaaatgtaaa	tgaaaaaata	tctaataaat	tttttaaaaa	gccagatggt	180
aaaatgtgac	aataaataaa	taaacaaaca	aacaaataaa	tgttttacaa	cctaaaaatt	240
ttaaagaaaa	aatgaaaagt	ggagatgagg	gcccgaattt	acctaatttt	actgctgcat	300
cctattggaa	aataagtaac	aaaaactgtg	aaattgttgc	atgttttctt	ggtatttggt	360
ttaatgaata	gtttctaaac	dcagaaatcc	ttgtggaggc	agcgcagagt	aatgcattga	420
tcatca						426

<210> 98
 <211> 385
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 98						
tctgagacaa	ggtcttagtg	tacacggcct	gcatgacctg	gcctcctgct	taaagaaatc	60
ctcttacctc	tgcttcccaa	acgctgggat	tacaggaaca	tgccaccaga	tacagccaaa	120
atcattacct	tttctttctt	cttttcagta	ccagggtcct	acacatgcta	ggcaaaactct	180

ccaatactag	ctacacccac	agctcagcga	cacaagctcg	tctcttgtgc	ttgagtctac	240
agtgaagtt	gactcaactg	aaatgtttac	cttggtgatg	ctgtaacact	gtctgagtcc	300
agaaggtttt	cagtcacctc	taactgcagc	acctctggca	tnyngtctga	cttttctaca	360
ccttcttctg	gaagttcttc	tatat				385

<210> 99
 <211> 299
 <212> DNA
 <213> Murine

<400> 99						
ggcggtaggc	gagcagcgcc	tgcctgaagc	tgcgggcatt	cccgatcaga	aatgagcgcc	60
agtcgtcgtc	ggctctcggc	accgaatgcg	tatgattctc	cgccagcatg	gcttcggcca	120
gtgcgtcgag	cagcgcccg	ttgttccctga	agtgccagta	aagcgccggc	tgctgaaccc	180
ccaaccgttc	cgccagtttg	cgtgtcgctca	gaccgtctac	scgacctcgt	tcaacaggtc	240
cagggccgca	cggatcactg	tattcggtcg	caacttttgt	caatgccttg	acactttta	299

<210> 100
 <211> 390
 <212> DNA
 <213> Murine

<400> 100						
gaattctttt	tttttgttat	tatctgaaat	gatgttttga	aacttctttt	gtctctgcct	60
caccccccaac	ctactccctc	ctccaaatca	caaactaggg	aatctggaaa	ccaaggaaaa	120
taccaaattcc	agatttcttt	tgaagacctc	gaacctttta	agatgactcc	tttcagtgtc	180
attggttttg	agctctggtc	catgacatcc	gacatctttt	tttgacaact	ttatcattak	240
tggtgaccga	agagtagttg	atgattgggc	caatgatggg	tgggggcctg	aagaaagctg	300
ctgatggggc	tgctgaggtt	aktgattgtt	cattaattgt	ggattttwtat	ccactttttg	360
gggggagact	gattactttt	taaaaagcag				390

<210> 101
 <211> 389
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(389)
 <223> n = A,T,C or G

<400> 101						
ggaattcgtc	agtgagtgtt	gactcatcca	aataccaagt	gctctggtct	gaagctgagg	60
gccctgctgt	agggtccgga	gccccacaca	ctgtgttgat	ggctgtggac	tgggaggaaa	120
ggagctcgtc	tagaagacgc	tgggctgtgg	ggagaatctg	ctgaggaagc	tcaactgataa	180
ggtactgagc	aaatttttga	agctggtccc	ttttagcccg	agacagggac	tctgagactg	240
gagcccgag	gcagactgca	gatgcgttgt	gaatgcggaa	gaggcagagt	gccacgacat	300
gggtgcacca	tttggtcccg	gccccacag	tacagctaca	agaagtgacc	cggcagcngt	360
caaacatcac	agctacattg	taggcccc				389

<210> 102
 <211> 344
 <212> DNA
 <213> Murine

<400> 102
ggaattccag atatctggcc agcatcctta gtggcctgtc gctgtgaatc attgaaataa 60
gcagggactg tgatcacagc attttttgcg gtgtggccca agtaattttc tgcagtctct 120
ttcatcttca tcaacacaaa tgctccaatc tgacttggag aatagagttt tccatgagcc 180
tcaacccaag catcaccatt ggagcgcacg gcacaatttt aaaaggacac atctcttagt 240
gtcttctctg tcaactctcag gggtcactca tactcgctcg ctccaataag cacgcttagt 300
acgcatagaa ggtattgttt ggattggttsa cagcttcccc tttt 344

<210> 103
<211> 354
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(354)
<223> n = A,T,C or G

<400> 103
ggaattctat ttgtaacccc ctaatttgta accctgtaac ccaggagggt tagacaacac 60
tcattccctg gtgtcttttg tctcactgat cagtcagaac ccagcctgaa agcagttgta 120
ggactgtttt ctaagccctg ggcagcagag gcaggattag gagttcaaag caagtottaa 180
ctacatggca taaagaaagt aggagctaca ggagatgttt ctctaaacag acagatatga 240
aatctcttta aaaacaggga atgaaattct taattttggg gagcaatatt ggagaactgw 300
tncacttaag agatcaccca tgtgatagtg aaaaatgaaa tttaaaatct caat 354

<210> 104
<211> 387
<212> DNA
<213> Murine

<400> 104
ggaattcggc tgaggctgca atgtgaggtt agatgtggag tcacgctgtt caggttttctc 60
attaagagga ttggcagtga aattgccttc caaagaactc tgcagtggga tgtggcacaa 120
ttctgagagt tgactctgat gcattctttc aggtttttta cagtatttga ttataaacat 180
atggatattc aattgagaca atttttattt ttctccctgg gtaggaagaa ccactaagta 240
aagggcaagc tgggcttgcc tgctctctct gtccagttct acattagtcc agtctgcaca 300
gtgtcccatg ctgcctgtta wcacaaattg tggttcttgg gttaagagtc atgtgttttc 360
cagaccttga actctctact gagcaga 387

<210> 105
<211> 269
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(269)
<223> n = A,T,C or G

<400> 105
ggaattcccc ggctcgagcn ngccgctttt tttttttttt tttttttttt accatgcaac 60
aaaaccttta ttaacatttt ttaacagagg ttcagctatt attgaaaactt gtaattttcta 120
aacttaaat ggaggcaagt gctagagtgc agagtaatgc catcactgcc cactgggaat 180
gcagaccgaa taattaatag ccannncnnc agacggagag accaggtgca aggtcgactc 240

ctttcnrgaw ggttgtaatc agagagagt

269

<210> 106

<211> 464

<212> DNA

<213> Murine

<400> 106

ggaattccca	gaggggggat	ctcatcagga	aggcgatgag	gatgcctcgc	gcatggaaga	60
ggtggattaa	agcctcctgg	aagaagccct	gccctctgta	tagtatcccc	gtggctcccc	120
cagcagccct	gacccacctg	gctctctgct	catgtctaca	agaatcttct	atcctgtcct	180
gtgccttaag	gcaggaagat	cccctccac	agaatagcag	ggttgggtgt	tatgtattgt	240
ggtttttttg	tttgttttaw	tttgttctaa	aattaaaagt	atgcaaaata	aagaagatgc	300
agttttatag	aattccacca	cactggcggc	cgctcgagca	tgcactctaga	gggcccath	360
cgccctatag	tgagtcgtat	tacaattcac	tggccgtcgt	tttacaacgt	cgtgactggg	420
aaaacctkgc	gttacccaac	ttaawcgcct	tgcagcacat	cccc		464

<210> 107

<211> 328

<212> DNA

<213> Murine

<400> 107

gaattccgga	atggcatgat	actgaagccc	cattccaca	aggattggca	gcagcgagtg	60
gacacttggt	tcaaccagcc	ggcgcgcaag	atccgcaggc	gcaaggcccg	gctggcgaaa	120
gckcgctgca	tcgcccctcg	ccccgcgtcc	ggccccatca	ggccccatcg	gaggtgcct	180
acagtgagat	accacaccaa	ggtccggkct	ggcaggggct	tcagcctgga	ggagctcagg	240
gtggctggca	tccacaagaa	agtggctcgc	accatcgga	tctctgtgga	cccaggwdg	300
cgaacaagt	ccacggagtc	actgcagg				328

<210> 108

<211> 526

<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(526)

<223> n = A,T,C or G

<400> 108

ggaattccgg	atctcttctg	tgttcccaact	actcaagcac	cgagtggcgt	tctatggcgt	60
ccgcctcggc	tcagcccgcg	gccctgagcg	cggagcaggc	caaggtgggtc	ctggcggagg	120
tgattcaagc	gttctcggcc	ccagagaatg	ccgtgcgcat	ggacgaggct	agagacaatg	180
cgtgcaacga	tatgggcaag	atgctgcaat	ttgtgctgcc	cgtagccaca	cagatccaac	240
aagaggttat	taaagcctat	ggcttcagct	gcgacgggga	aggtgtcctt	aagtttgccc	300
gcctgggtcaa	gtcttatgaa	gcccaggatc	ccgagattgc	cagcctgtca	ggcaagctga	360
aggccctgtt	cctgccaccc	atgacactgc	cgccccatgg	ggctkcttct	tgggaagcacg	420
tbtngcagcc	tyctgagatt	bgttctcgta	tgtgtkctcg	cctgctgttg	gargccggcc	480
cttgtgttcc	agaggrtaat	aaatgtacht	gtgactcaaa	aaaaaa		526

<210> 109

<211> 598

<212> DNA

<213> Murine

<400> 109
gaattctaac tatctaaaaa tatgaatgga taaccaaagt attccaaacg tggctattct 60
gatccaccgt ttgtttttct cttaaaaaaa aaaaaagtat gtacagaaat tgtataaaag 120
acttttgtaa ttcaatgaga gtttagcttcc agtcttcaca tcccaaagtc tgggtttaca 180
gttttggttc ctttgcatat ttgcctgtag aattaagact cataattttt gccttgctaa 240
cagaacacac tttaaattat gaaaagccct caacatatac caaagtaaaa gacagcattt 300
tgaaattagc caaggccaac atgattctgc tctctggaac cagtgtactc tagtgaattt 360
ggtgcttggt gtgagtgaga aacgacaatg ggaaatgtct actgtttgac ttttgaaatc 420
agatttattc agtggtggct ggacttgggg atgggttcaa tccaccattg yctggcacat 480
gttaattact aggtaaaggt caaatacaat kthagacctt aagccacagg aggaggatgc 540
aaaacgttca attccaaaga gaacagtttw gwgttcaaca acatgggact ttwcctag 598

<210> 110
<211> 474
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(474)
<223> n = A,T,C or G

<400> 110
gaattcggaa tgggtggcgt gtgcctgtga gcttcogaag ttaatggatt gttctggctg 60
tgacgaacag gatgacggtg tcaggcgact ccagccaaaa gctttgcaaa gtggctcgag 120
tcacagtact ctgatgctga ggcaggaggg ctccagttt gagtcagcta gggctcaaac 180
caacccaaaa aagcctgcc aagtgaaaaa gacactttcc agagctgttg caagggtgcag 240
ctggcagcac agcacagctc agcccattcc agcccagaag gacgagcgcc acccacaggc 300
gcaggaggga agtaggaagg ctgcaggggg caggcagctt tccctgggac aaagaaaagg 360
aacatttggg ctctcagtggt ctgctcttct agatccaaat acacagtaac cctttgctgg 420
tgttttgttt tgaattaaaag aatattaaaag tttgggggaa ttcaccacac tgrc 474

<210> 111
<211> 409
<212> DNA
<213> Murine

<400> 111
gaattcgtca ataagggtata ggctacaccc ttctcaccag ctcttcctgt ccggccaatc 60
ctgtgagtgt gcgtatcaat gtcccgtgct acatcatagt taatgactgt cttaatggaa 120
ggaatatcca gaccacgggc tgcaacatca gtggccacca ggacggggat gtcctttttc 180
ttaaaatctg aaataacott gtttctttcg ctctgatcca tgtcccatg gagcagacca 240
agattatgac cctcctgctt caggttactg gctagctctt cagcattggc tttcttagta 300
acaaacaaga gcacactccc cgaggaaagta aactccacca gacgccaggt cagccagttc 360
catttactkg gtccggaatg gagaatytc acaatctgtg tcacatytt 409

<210> 112
<211> 331
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 112
 ggtgacacta tagaatactc aagctatgca tcaagcttgg taccgagctc ggatccacta 60
 gtaacggccg ccagtgtggt gaattccccg gctcgagcng ccgatttttt ttttthtttt 120
 ttttttccaa cttaaaggct ttatttgaca caaaatacaa tatggctgcg ggaacaccaa 180
 actccaaaaa caaaggaacb aaaaaaggac catggttcta tctaattgat aattaacagg 240
 aagtcactag acgagtaaca gatgggtacn ccttgccgga aagtctttcc taatkcccat 300
 acttctggaa ctccactct ctgttggtcca a 331

<210> 113
 <211> 373
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(373)
 <223> n = A,T,C or G

<400> 113
 ggaattcggt ttggaataac tgggtcaacaa aaatcaaaag atgtctgggg ggtgggggga 60
 gactgcctgg cagtacaggg tgggggagaa actccataca acaagacagt gcaaatacagc 120
 aggaaactgc atgtgtgcac tccagacagc caatccagga gcatgctgtg cattctggaa 180
 ccctccagat gagtgcagaw wtdtggcaat gccccatgca ttcaccttta atgcaactgc 240
 accagcccta ctgtgagtga tgtgatctcc ctttaaaaac caccaccat catcaactgat 300
 tcaattatnn yygcaagttg tatcttcaag gacggaagcy ctgaagtgac cattcacnad 360
 cttataattt ata 373

<210> 114
 <211> 312
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(312)
 <223> n = A,T,C or G

<400> 114
 ggaattcgct tacagcaacc aaagagataa caacagtagg gtctgaaatt tcaagggctc 60
 tgggggtcca ggccagtatc attcacagaa ggggatgggg aggagggctc cagaggctgc 120
 caggctaagg ctatacagaa ggbctccat gaaaagaagc tttatgaagt ttctccagaa 180
 actcaaaty tggagatattt ttaaaatnnc tcaggctgtc ccagcagaga atnccgtgtga 240
 ttatkcctga gaacaaaagg rgacaggcct cctcctgtgt gggagctgta catkcyctca 300
 caggktgtgc tt 312

<210> 115
 <211> 279
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(279)
 <223> n = A,T,C or G

<400> 115
ggaattccag ccctacatca agagagccgc agccaccaag cttgcttcag ctgaaaaact 60
catgtatttn nmmctgacc agctgggact ggagcaagac tttagacaga aacagatgcc 120
anahnggaag chgctggttg acrgtttnmt tctgggcatt gatgttagca ggggcatnna 180
hchggaacht cgatgatcag ctcaaatttg tctccaatct ctacaatnan cttgcaaaan 240
cnaaaannca tagtggttagt nctgactaag tgtgatgag 279

<210> 116
<211> 380
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(380)
<223> n = A,T,C or G

<400> 116
ggtgacacta tagaatactc aagctatgca tcaagcttgg taccgagctc ggatccacta 60
gtaacggccg ccagtgtggt ggaattcggg taagcacact agcaaaaaaa anaaaaaaa 120
aaaaaaaaay ncaaacaaaa gagtcttaga ggaagaatga agaaaacata caatactttc 180
aatttgaaga cagatgcaca atactttaac atatgccaaa gattaaaggg aaaagattac 240
aaaattatat cactgcaaat tttgttgcgt tgacaaatta aaagcagttc ataccagaaa 300
cacacacagg tgcagaccgg tgagcacaca ggcaccatgc attgacagtg atgttgattc 360
tttaaagtaa tgagccntgg 380

<210> 117
<211> 558
<212> DNA
<213> Murine

<400> 117
ggaattcgtc actgagtcct ctcttcatct acattgtota ccagccacta tgaaagcctg 60
agcccgact tgtcaactat ccaggaggat tatcccacct tgttacctca cctctaaaag 120
cagataacag cctgctgctt gtttttgtaa ataaagtact attcaaacag ccacacatac 180
tcaatttagc tattgtcggg gattgctcac agacaagaca agttgttgag acagacaagt 240
gtggtcacia agcctaaaag tatttactat ttggcactat agaaaaaatg agaccgctgg 300
ctttatttag agaatgagaa gccgttcgct aacagggatg atgatgatga gtgtgaggaa 360
ggaataactt ccaacmgttg tgacagctta ttttatagaa aaccgtocca gcaaatttat 420
wgtcactgtc cattcattaa cvgctgggtc tgttcatggt ccagtagca ggtcatctgt 480
caataaactc ctgataccca gagctggttyc cagtyccact chaacttttag cactactggt 540
tacctaggcc ctcaccct 558

<210> 118
<211> 364
<212> DNA
<213> Murine

<400> 118
ggaattccaa ttcagaaaaa aaattcagac tgaaatgact aatcccatat ctcataaccc 60
cttcaaccag taacaccccc ccccaaaaacc cattgtcttc agtgtgtcag ctactaatc 120
taatgatcag atcaatctat gaactccaca acaaaatagc tactgagcag cccttcctga 180
gaagtaaata ttctagattt tgggaaccag tgccgaagac agaattgctta ctgtctagaa 240
gtttcacttt ccttatgagg ggggttgagaa ccaagatgac tattaatgtg tgatgtgatc 300
cmataaaaagc tgtkgggaaa tcagggttttg aggaggggaa tagttgtgca aaaaaaaaaa 360

atat

364

<210> 119
<211> 518
<212> DNA
<213> Murine

<400> 119

ggaattcgca	gattttctttt	ggacagtgat	gggaagagtc	tcatctgtaa	agtgaacct	60
tcaaagatca	atagcaaagt	cctgaagagt	ggtcagctgg	aggatacatg	tctggtagag	120
ctctcactgg	ccctggacct	gcgctacag	gtcagcgtca	gcagttggca	tctgacggct	180
gtcactgtgg	atgtgtggac	actccatgct	gagctgcatg	aaggtctctt	ccatagtcag	240
ctactgtgtc	atgccccagg	ccggatttcc	aaatcagttt	cttgttcaga	tttgactgag	300
aactttgctg	aaccaactct	gcctgggcct	atacctctc	cagcggctgc	cagaccaagt	360
caaggtgaag	atggagaaca	cmagtgtgtg	tggtgtctat	gaacagtcaa	aaacbgcact	420
tgacttkgac	actgaagctg	ctgcawtttc	ctgtaccacc	gtgatgagga	ccaactgccg	480
cttcgaagcy	tcacagcaaa	ctatgatath	gcacacga			518

<210> 120
<211> 518
<212> DNA
<213> Murine

<220>

<221> misc_feature
<222> (1)...(518)
<223> n = A,T,C or G

<400> 120

ggaattccca	gggtgcaatt	ggtagtcacg	gacctgcagg	tcccagagga	ccagttggac	60
cacatggacc	tcctggaaaa	gatggaacaa	gtgggcatcc	aggtcctatt	ggaccaccag	120
gtcctagagg	aaacagaggt	gaaagaggat	ctgagggtc	gccaggccac	cctggacagc	180
caggaccccc	tggacccct	ggtgcccctg	gtccctgctg	tggtgggtgg	gctgctgcca	240
ttgctggagt	tggaggtgaa	aagtctgggtg	gcttttcacc	ctattatgga	gacgatccaa	300
tggatttcaa	gatcaacact	gaagagatta	tgtcttcact	caagtctgtt	aatkgacaaa	360
tagagagtct	tataagccct	gatkgktctc	gaaaaaaccc	tkctcgggaa	ctgcagagac	420
ctaaaawttc	tbbcaccctg	ndctctagag	tggagaatac	tgngtgcagc	ctaaccaagg	480
ctgtcgagat	tggattgcta	taaaagtatt	ctgtgaca			518

<210> 121
<211> 555
<212> DNA
<213> Murine

<400> 121

ggaattcctc	tgtatagccc	tggctgtcct	ggagctcact	ttgtagacca	ggctggcctc	60
gaactcagaa	atccgcctgc	cactgcctcc	caagtgcggg	gactaaaggc	gtgtgccacc	120
acgtccagcc	ttgtttgtct	atcagttcta	cagcactcaa	agataacctt	ttgaaatcaa	180
tttgctatct	gggtgacaca	attcaatctt	cattcagcaa	ctgcaaacca	attgagttct	240
tcatgccaac	tcagaaatac	atgattacta	gcttttacaa	gctgagcctc	tctacagctg	300
ctggcaaaaa	tggggcacag	gggaggaggt	gattttaaaa	cctgccattc	aaacttatct	360
agtctwamca	gtagtcagag	ggaaatatac	ttgagaacag	ggtaaaacca	gctttggcca	420
cattaagttc	atgttagtgt	agaaaattta	aaatcacmaa	catcaaactc	cagtctactg	480
tgcaawtat	aaagccgaat	tttaccattt	atactcagtt	cttttggakt	caatctcagc	540
aacattttact	aataa					555

<210> 122
 <211> 270
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(270)
 <223> n = A,T,C or G

<400> 122
 ggaattcggc gccttggatc catttccatc tggttctket gagacgcgtn tngetccctc 60
 cccgcaacag ccaaaatggg gaagctgac gagagcaagg aagcttttca ggnnnvhcct 120
 ggncgcngcg ggagacaagc ttgtcgtggg ggactttctn nctacgtggg gtggacctnn 180
 cnaaatgatc aagcccttct tccatnccct ctgtgacaag tattccaatg tgggtgttcct 240
 tgaagtggat kgtgatgact gcbrggatgt 270

<210> 123
 <211> 186
 <212> DNA
 <213> Murine

<400> 123
 ggaattcgtg acttgtccag agtctcagcg ctgataaagg agaagctgaa agtcctcatc 60
 tccagcagct tkgcctgctt cyagagtctg gggtcttgaa actgggaaag gaaatttcct 120
 tctgaccaga agagtggaaa gggaatctgt ttgaactgga cagagtgggc agggtkggag 180
 aggaga 186

<210> 124
 <211> 452
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(452)
 <223> n = A,T,C or G

<400> 124
 ggaatcgacg cccaggctcc acaggctcga gcgcttgctg tagatgctgg cctcttcact 60
 gaaggcctcc accacctctg gnbccatgta ctcagctgac ccacacgggg tgagcagctc 120
 tgggtgtggag atgggggagc agtctccatt gagtttgata ccaactgcaa ggtcgaagtc 180
 gcagatcttc actggcgaga cctgggtggg gtgctcacat aggatgttct ctggctttag 240
 gtccctgtng gcgatgcctt tgttatgcag gaagtccagg gsactggcca cgtcctgtac 300
 taccachsbg gsctccagcn cgttaaagtg gcgccttcta tggatgtggc ttaggatgga 360
 tccgccacgc atcttctcaa acaccaggta gaaacggctc tctctctcaa agadctcaat 420
 cagttctaga acattccyat gtcccccsge ac 452

<210> 125
 <211> 279
 <212> DNA
 <213> Murine

<400> 125
 ggaattccaa cgaacgcttt gccacactct gcacagacgt ggactctggg accgtgggtg 60

tgcagatgct	ttctcatagc	agagttatcc	ctgaacatct	ttgtgcagcc	tttatgaggg	120
caagctaatt	gttcttggag	catcatcttc	tttaattttt	cttgggttca	ttctggcaaa	180
ttctgccagt	bbcttaggg	ctgagaggtc	aattggccag	gtatccctyc	caggdgggag	240
tttcttbct	gtcatatatt	ccagaatwat	caggagggtg			279

<210> 126
 <211> 236
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(236)
 <223> n = A,T,C or G

<400> 126						
ggaattcgaa	cgyyggcagt	aaagcagtcg	ctgctggaca	aggtctgacc	cccaccactg	60
gccccccbs	ttctaccaca	aggacttbnc	ctctgaaggc	cagtggctac	aggtggtagc	120
aggtgggctg	cycacaccg	tcttggnntc	ccccctcca	sectcccttc	tcagtcctta	180
atybgctct	cccaccctcn	ccccaabcat	tbcttcatcc	ataagtbgg	cccttg	236

<210> 127
 <211> 362
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 127						
ggaattcaga	acctggcgga	cgaggagccc	tgggcagttg	gtatgggcag	tacaggaacc	60
atttcgactg	tctggtcacc	aagtttaaga	gcaatcta	gaagtggggg	acactgtaag	120
ctaactgaag	atgaatgtgt	ggkggctttt	wctcaacaac	cattccctta	gagtctaata	180
taaaagtaga	tttacatttg	tgggtaatct	gaagctggtg	atttctagt	cctttggtaa	240
taatcaataa	cncagcagtt	gcgtggcaga	kkgatccmcg	catggataaa	tacaaatatt	300
aaattagcat	aattttttta	ctttttgtac	aaatatacat	gottttttnc	tttttctcat	360
ct						362

<210> 128
 <211> 315
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(315)
 <223> n = A,T,C or G

<400> 128						
ggaattcttt	tttttttttt	gttttgtttt	gttttgtttt	gttttgtttt	tgctttaatc	60
ataatcagcc	cagagcattt	tttgtaaca	atgcctctgt	tttcatgaaa	gttcataaca	120
tcagggtttt	taaaaaaaat	taactaagg	gcttttagag	ttgaatctgt	gagttaccgt	180
cagcacacta	gtgggctaag	agtgagcagg	gtgttttcag	agaaacaakc	kkcyccccc	240

nnncacaact tatcttttaa acttagaagt aacctgttgt hccccagcct gcycyttgtc 300
acctgagtkc ccaga 315

<210> 129
<211> 251
<212> DNA
<213> Murine

<400> 129
ggaattcaat agatatttgc tagacttacc aattcaaawg ttttgttctt cctaggttgt 60
cagggaagta tcactactac ycttcagttc agaattgctg aagtaactga ttgtytgatg 120
atttgtgaac atgatcttaa ctatgtgact aaaatatcag atcattacaa tactkotcaa 180
ttgatggata catgttgaat atcagtgtat wctttgatgt ttttwattac ttkacycttt 240
ttttaaacct a 251

<210> 130
<211> 338
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(338)
<223> n = A,T,C or G

<400> 130
gaattccgag cgggcgagcg ccgggagggg gccgggagca gggcagctcg ggagaccgga 60
cggtagcggc ggcggcggcg gcgggctcgg cgccctcttc tctgcaagcc atgtttgcc 120
aaggcaaagg ctcggcggtg ccctcggacg ggcaggctcg ggaaaagtta gctttatacg 180
tctacgaata tttactgcac gtaggagcac agaaatctgc acagaccttc ttatcagaga 240
ttcgatggga aaaaaacatc acaactgggtg aaccncctgg gttcctgcac tcgtgggtgg 300
gtgtattttg ggacctttac tgtgcagctc ctgaaagg 338

<210> 131
<211> 94
<212> DNA
<213> Murine

<400> 131
ggaattcaac agaatacaag aaatggaaga gagaatmtaa rgtgcagaag attocataga 60
gaacatcgac acaacagtca aagaaaatwc aaaa 94

<210> 132
<211> 323
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(323)
<223> n = A,T,C or G

<400> 132
gaattcgaac aaggaaacgg aaaaattcta cttccgggtc agattttgac actaaaaadg 60
gaaaatcawc agaaacctct attatctcta aaaagaaahn ccagaactwc tcagagtyhh 120

ctaactatga	ctcagagtta	gagagagaga	taaaaacccat	gagcagaatt	kgggctgcca	180
gaaaaagtdt	tccagagaaa	aaagaagagg	actcttctga	agatgaaaaa	cagggcaaaa	240
aagtagtgga	taatggaggg	catgagaggg	cgaagacmac	mcmagaaggg	tcctctgctg	300
atgacactkg	tgacactgaa	ggc				323

<210> 133
 <211> 402
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(402)
 <223> n = A,T,C or G

<400> 133						
gaattcatgt	caaacaggtg	gtcataaacac	tcacacatgg	tttttdcttt	ctcccatggt	60
tctccccaca	cgtacacccc	atgayncygg	acaagaacyg	cacaggagtc	tkggtactca	120
ttcatggcat	gagccatcct	ttctttkaga	tccttctctt	caggagtgtt	ctcaataath	180
ggtwccacta	acatatcatc	gtatctgtaa	tagcctcctg	aggtacattt	ccttattcct	240
ttgatcatct	cttgatgtgt	aattttaaac	tcctgtcctg	gaaacagaag	ggtagccatc	300
acagcagctt	tagagtgggt	atgaatcact	gcgccagctc	cctctcatgg	tataagcatt	360
catgaaaaga	ggagtgcact	ggcttttwtt	cagcttctta	ga		402

<210> 134
 <211> 203
 <212> DNA
 <213> Murine

<400> 134						
gaattcgtga	tcatgaagcc	tagtgcgctc	attacacaag	gggggggggk	gkctcaggac	60
ctctccaccc	cgggagtcac	ttccctgtgt	tgctgtggaa	ctaatttgaa	aagtaaagtc	120
caaggaaaca	ctgctctgtt	tctgagacat	gaagaaatga	aaacacaaga	caaagcaaag	180
agcgtgcgca	ttctctggcc	cac				203

<210> 135
 <211> 87
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(87)
 <223> n = A,T,C or G

<400> 135						
ggaattcgtg	atcatgaagc	ctagtdnnyt	cattacacaa	ggggggggga	ggdtcaggnc	60
tctccacccc	nnnagtcatt	thcctgt				87

<210> 136
 <211> 342
 <212> DNA
 <213> Murine

<400> 136

ggaattcggga	agctccgccc	cggctaaggg	ggccagcatc	ctggggcctg	cacccatcct	60
gtacaagata	ctgcccagag	ggttccttca	aggcctgggc	agttcaaaca	gccacactgg	120
acagacaata	aataatgcag	ctgctctctg	gacagcctcc	tgtgacctat	ctcgtttoga	180
gccactcgag	tttcggccag	cttgctttgt	tcagaatgcc	aagccccggc	tgggtttctg	240
gccacgtggg	tactatggtc	ccactgaggg	ccagtctgag	cctgcctaam	aaaggctaag	300
taaggkggct	atcctgaaga	gaawgcccta	cttactttga	aa		342

<210> 137
 <211> 341
 <212> DNA
 <213> Murine

<400> 137

tgaattcggc	caaacgactc	ctgctgggtct	caacccccgta	ctgccggggg	caactagctt	60
ttaaagcct	ttctggggcg	tcagctacca	agtgcctgaa	gacctggtgt	atgcagcgga	120
ggggcaagct	gcctggggcca	cttacgtggg	aggtgcctac	cacgggggaca	taggggctgg	180
agcggcagaa	ttcgcttata	ctgggtggga	gggtgggagt	atccactgtg	gctagttcac	240
accctgcttc	ccctcccaaa	caagcacaag	gggtgtgagc	ctcaacccta	aacaggcaag	300
trtatratcg	ttttactctg	ggcacacctg	awtatgggtt	t		341

<210> 138
 <211> 350
 <212> DNA
 <213> Murine

<400> 138

ggaattccga	gcggccgctt	tttttttttt	ttttttttta	aatctcagta	ttattttaatg	60
agaacgcccc	accctgccat	gtacaggggtg	ccccgcactc	gctactcacc	caccatgtta	120
aggaaaagca	ccaggaagta	cagaggggtcc	tcattggtgc	tctccagagt	tataatttta	180
aggattttct	ccatggtaaa	actacaatag	ttacatacca	aggcaatact	acatgcttta	240
catagtccca	tgaaaaagaa	ttcaattgag	tctaattccct	gatgcaaggc	acttcaaagc	300
acccgcgata	aaatgcccat	gtaaaacagca	gtgcagttgc	accttbccaa		350

<210> 139
 <211> 156
 <212> DNA
 <213> Murine

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 139

ggcgcgatt	ctttatcact	gataagttgg	tggacatatt	atgtttatca	gtgataaagt	60
gtcaagcatg	acaaagttgc	agccgaatac	agtgatccgt	bcngccctgg	acctgttgaa	120
cgaggtcggc	gtagacggtc	tgacgacacg	caaact			156

<210> 140
 <211> 411
 <212> DNA
 <213> Murine

<400> 140

ggaattccgc	ttgacctgcc	ttgggggtatg	ggtactgctt	tgctttgggg	tacagtgtc	60
------------	------------	-------------	------------	------------	-----------	----

cagtaaaccg	aggatatgac	atggttaggca	ccaacgagtc	atztatcatc	aggaaggcaa	120
gtctctctcc	atcgggggac	caccagtggg	cgatatgaga	atgcagaagt	tcttctagaa	180
taaatgagtg	ttattttaca	tcaacttcat	ataaccagtc	agcaatccca	ttaaaaataa	240
tgcttctctt	tcctgaagat	gttagtcgta	aagaactgct	cttgatatca	ggttgatagt	300
agatattggt	ttcaaaaata	taaatcagct	gctgtccttg	cacaccccag	ggcgccatac	360
tgcaacactt	gagttctcaa	cttctggggg	atthaacttc	cacamyttcc	c	411

<210> 141
 <211> 557
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(557)
 <223> n = A,T,C or G

<400> 141						
ggaattcctc	tctctctctc	tctctctctt	tttctctctc	gctctctgcc	tttctctgtc	60
tctactccct	caactctctt	ccccatgcc	tgaataacct	ctattctata	ctacatgact	120
ggccccctcag	gggggaagggg	tgccctcagca	tgggcccgcga	gaggtacccc	cttccccaca	180
cctgatggca	ccaaacatat	tccttctctc	cttctctccc	tgctcatcgc	ttgaggtagc	240
atggttctct	ctgggaagct	ctgggtgctg	agtcagggct	ctgctctggc	cctcccctga	300
aactccatca	gaatctacat	ggccctggac	tgtggcaatt	tgcttcttgg	accctaacaa	360
gactttaagt	tyctygaag	gcaagggttc	ttccactaa	atccagcaca	gggcaagaca	420
catagtaggt	gttccacaag	cacctaatga	gtgctctggg	ttggtgggat	ttttttttgt	480
ttgtttgttt	tggttttggg	ktttgtttgt	tggttagttt	gtttagynsg	ttttgcaaca	540
akgtctcaag	tgacata					557

<210> 142
 <211> 231
 <212> DNA
 <213> Murine

 <220>
 <221> misc_feature
 <222> (1)...(231)
 <223> n = A,T,C or G

<400> 142						
ggaattcaat	catatttatt	ggatcaacaa	atctcctagk	ncctttttacc	acatacat	60
acwcctacta	cccaactatc	cataaatcta	agtatagcca	ttccactatg	agctggwghh	120
gtaattacag	dcttccgaca	caaactaaaa	whytcacttn	cccacttcct	tccacaagga	180
actccaaatt	tcamctaawt	tccaaatact	taattaatta	ttgaaacaat	t	231

<210> 143
 <211> 529
 <212> DNA
 <213> Murine

<400> 143						
ggaattccag	acttgtgtct	cttgatgtct	gtttgatggg	agctactgac	aggcttaggg	60
ctcaaccaag	tggcttgtat	tctgaaaact	tctacctggt	tatgcatata	attagtaaga	120
cacttagaat	gagcctaata	tgagcctggt	gggtggctgt	cccgtgaga	aaggcctttc	180
gcagtttaga	ggcatctctg	ttctctcctt	tataggttgc	ctacatagag	aactgctgtc	240

ctttcatact	gctctgttgt	aaccgtttta	tcttcagttt	cattccttgt	atcaagatct	300
taagcagcag	cagtttctca	cctgtgggta	gtacgcaacc	cctttgggga	ggttgaatga	360
ctctttccca	ggggagcgta	tattagatta	tttacgttac	gattcatagc	agtagcaaga	420
tgaccwgtwa	taaaatattt	ttatggtggg	ggggccacta	catcargggg	cgtacattaa	480
atggttgtaa	cattwgcaag	gttgagtact	cgtccatct	ttaaaacca		529

<210> 144
 <211> 148
 <212> DNA
 <213> Murine

<400> 144	
ggaattcctc	cctttgtctg
cattcagtg	agagcttcgt
cttctctkkt	ctaattattg
	tctaataca
	60
	120
	148

<210> 145
 <211> 425
 <212> DNA
 <213> Murine

<400> 145	
ggaattcgcg	ggtctaaaag
gctgtgggaa	cgacaacttc
actgtgtgcc	aagcacttgt
tcattttccc	aatccgtcga
gcagtgggga	ttggtttggg
agaagtatac	tctgatctga
gtgcacccta	ctgccatctg
acgcg	
	60
	120
	180
	240
	300
	360
	420
	425

<210> 146
 <211> 399
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(399)
 <223> n = A,T,C or G

<400> 146	
ggtgacacta	tagaatactc
gtaacggccg	ccagtgtgct
atgtttatca	gtgataaagt
gccgccctgg	acctgttgaa
gaacggttgg	vggttcagca
ctcgacgcac	tggccgaagc
gacgacgact	ggcgctcatt
	60
	120
	180
	240
	300
	360
	399

<210> 147
 <211> 345
 <212> DNA
 <213> Murine

<400> 147
ggaatcttca cgttaccctg gaaagagagc tccagagctt gcattttaac ttctgggcat 60
ctctgcttca atgcctttct aaccagtggc tctttttcgt gtgcggaaac ataaaccagt 120
gcacatccca catactgccca agaagtgaaa gggcttcata aggaagatgg gcaccaggga 180
ggacctggg cttctcctc ggacatgagc ttgccacctg kgtcatatgc tctgdaagg 240
ttcttctgtg actgagacta gtaaaccatt tattccctgc agagatgagc tgtctgkca 300
tgggggggtga cttcagtaga caggagagcc gacatgatgg cttta 345

<210> 148
<211> 67
<212> DNA
<213> Murine

<400> 148
gaattcttta aaatcactaa tcgacctghc ghcctcagmt tagaccacat agrcaacttg 60
attattg 67

<210> 149
<211> 182
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 149
ggtgacacta tagaatactc aagctatgca tcaagcttgg taccgagctc gngatccact 60
agtaacggch gccagtgtvg tngaatthn cgcattccacc aagatgngaa twhnacatnc 120
cttgtgaata tngaattgggn ntataccaan ggtntctcgg awtgrrsctc tttstctctta 180
gg 182

<210> 150
<211> 336
<212> DNA
<213> Murine

<400> 150
ggaattcgaa ggatgccctg ctgaatcagc tgtgagctcg ggacggggca ggtgggtgctg 60
ttgcaggcag ggacagaaat gctgggagga aggtgacaaa tagtgagctt aggcttccct 120
cggtcagtta cagctgcctt aaccctgagg cggagcaggg catgtgggtg gtgaacaagg 180
cagtggacca agcagagcgc tgccctgtga gaaagtgcag aggacagtac agtgacaagg 240
atccagaaca gggagcctga agtcttccac cgaaatggca tttggaggag tkkcttcaga 300
gaagcattta gaggaagcca gttggacaat tggcct 336

<210> 151
<211> 108
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 151
ggaattcgaa gcttcttttt gcaagagatg gtcattaaag acagttacaw ctggtcacac 60
aatgcatagg nccactgacc acaaagtgtc cagahccaat taatatat 108

<210> 152
<211> 607
<212> DNA
<213> Murine

<400> 152
ggaattcccc gctcgcagcgg ccgctttttt tttttttttt aagacttaaa attgaattag 60
tatttgtaca gaaaggtgca ggtggaataa ctccctccgg cctaggatca aagttatgag 120
gagaattctt gatggaccct tccctgccc ccagtggtgg ccgagttgt taagtgcgat 180
tggttagagt agattccagt cgggtcattg tggaggagga gtgggggcag tggcaggtaa 240
gggggctcag ttgctgcagc actggctccg gctggctggg ttgctctcct gcagatccac 300
acctctggtt cggcccggag cccagccgc attctggggc tcattcttgg gaagcttctt 360
agctattgcc atgaaaattt cattcacgtt cattgcagtc ttggcagacg tctccatgaa 420
gagcaagctg ttgtcatctg cataggcttg tgcttctga aactccacag ctctcttgct 480
ggccaggtct gctttgttcc ccgctagtgc aatgacgatg tttggggctg ggccctgcctc 540
tgtaactcct tcaccaatt cttagcccg gcaahgtat ctsbgttcgg tgatgtcata 600
gaccaca 607

<210> 153
<211> 520
<212> DNA
<213> Murine

<400> 153
ggaattcttg ttttctcct gagacacagc cttgaaagca gtctcctgcc tcagcctcct 60
gtgcagaaat tatagatgtg agccactgca cctggcttct aaaacttttg actatgtagg 120
gctctgtact gtcattcctt ctatattcat tgacaatgga ttcttgacc ccctaagata 180
tcaaaatcat tttctgaagt ggkataatat ttgtatatcc cctatacctg taacacccaa 240
tacaatatag atgtcatgta aacagttatt aagctgtctg tctagttagg ggtggaacga 300
caaggaaaaa aaggtatatt tagcacagat gtaattttw aaaaatgaaa tgttttcaat 360
ttgtgattcg ttgaagctgt agatgcaaaa ctcamgggac attaaaagtc aactatatat 420
cattgggtga ctgatcttct ggtccattta aactttgaat tccctataac acaactcaaa 480
gagaacayga tggagagcct aggtctgtat ccaatcaatc 520

<210> 154
<211> 78
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(78)
<223> n = A,T,C or G

<400> 154
gaattcttgt ttthhtcctg agacacagcc ttgaaancag tctcctdcht cadcctccyg 60
tncagaaatt atagatgt 78

<210> 155
<211> 345
<212> DNA

<213> Murine

<220>

<221> misc_feature

<222> (1)...(345)

<223> n = A,T,C or G

<400> 155

ggaattctcc	tgctctggct	cacctgtcct	gctcggggct	ccagctgac	tgtgctgttc	60
ctggtagcgc	tgctcacgtc	gggcagcctc	ctgcagctcc	cgctctcgtc	gctcctcctc	120
caaccgctgc	cgctcctctt	cggcacgccc	cttctcctcc	aggcggcggt	tctcttcttc	180
cttctcagct	ttggbccaga	agttatcctt	gccgactctc	ttgatctcag	atatggcatt	240
ggtcttctgg	tacacagagc	ccactggggc	ctgcbgccta	catcctggaa	ggaggtgctt	300
tccttatgga	agctgtwggt	ggccccagag	gccttngcaa	ccttc		345

<210> 156

<211> 342

<212> DNA

<213> Murine

<400> 156

gaattcctag	gaaaactcta	aatgaaagta	aatgtctgcc	actcactgcc	ctcagctata	60
atccaaccag	tgtactttct	tctcatcctg	cagaccagaa	caagtcccaa	agctctggca	120
atattaatac	agcaagacaa	gtaacctttt	ttttttcaag	tcttgaggat	gaaccagaag	180
acttttagttt	aagataccaa	gtcaaagttg	cacgttaacc	tggaccacag	tcaggcccca	240
gahmvtcggg	agtgtggttc	acacctgtaa	ccagcactca	cagaggacaa	tgtgcttgct	300
gcaaacccaa	gscagcttkc	actgggagtc	tgaccactga	ag		342

<210> 157

<211> 369

<212> DNA

<213> Murine

<400> 157

ggaattcgct	gagtctaaca	aatgaggctt	atagtttggt	aggagttaat	aaacttctta	60
gtaattatat	attgactgtc	tactatttat	atgccagggt	actctgtgga	gattattggc	120
aaatctagaa	gtgaaattgc	tgactggggt	tttaatatag	taaggaaaaat	gacatataca	180
cataatagta	ttaccaggca	atcaaagata	gatactaatt	cagtgatact	tagaatcagg	240
ggaggcattg	cttttaatat	gtgaggcaac	tgggccttca	gtgatgagta	atgaggaaca	300
atatggratt	ccgtgcagca	gaaaagaagg	tatmgacatg	taggtkagga	aaactgcmgc	360
agtgtttat						369

<210> 158

<211> 285

<212> DNA

<213> Murine

<400> 158

ggaattcccc	ggctcgagcg	gccgcttttt	tttactat	ttattagata	ttttctttat	60
atacatctca	aatgctatcc	cgaaagttcc	ctataccctc	cctctgccct	gctcccctac	120
ccaccactc	ctgcttcttg	gccctggcat	tcctctgtac	tggagcatat	aaagtttgca	180
ataccaaggg	gcctctcttc	ccagtgatgg	ttgactaggc	catcttctgc	tacatatgta	240
gatagagact	catatctaca	tatgagtctc	ygggggcyt	cgtta		285

<210> 159

<211> 443
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 159
 ggaattccat aagtactatt attttattaa aaattttaag ttgaggctct aattagacat 60
 cagcctgatt tctttgagtt ccacacacac acacacacac acacacacac acacacacac 120
 acacactgtc ttcagcagtg agaccttaca atcacttctt agaaaacaat tgataagtag 180
 ccttgccaat agccagtgtt attttgggat tccatgggat ttcattggagt caacattggt 240
 cagcaactca attagatgta agccattcct gggactgaaa ggtttccttg gagaggaaag 300
 atgtctagtt ggagtactgt ttcccttggt gtttagtgac tccatttaga tttaatcata 360
 tatgtatata ttttaagaag tttcaactgt agtaggttc catatggacc ccaaaanntc 420
 ttagtgctaa ctgtccctcc ctg 443

<210> 160
 <211> 239
 <212> DNA
 <213> Murine

<400> 160
 ggaattccca actcccatct cgctgagggc tgtgccatgg gctcctgtaa ccttgctctg 60
 ctcttcaaca aagaggacca gtgggaggaa acttgtaggg ccagcattcc caggctaagg 120
 aactgggggg gagggccagt tggatgatcc ccagggtatt aaaacctcac tttggagaag 180
 aggcagagct gtgttttaga agkcaggkca gatgtgggaa gagcattgca actbcaggg 239

<210> 161
 <211> 346
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(346)
 <223> n = A,T,C or G

<400> 161
 ggcgktaggc gagcagcgcc tgctgaagc tgcgggcatt cccgatcaga aatgagcgcc 60
 agtcgtcgtc ggctctcgcc accgaatgcg tatgattctc cgccagcatg gcttcggcca 120
 gtgcgtcgag cagcgcccgc ttgttcctga agtgccagta aagcscggc tgctgaaccc 180
 ccaaccgttc nccagtttg cntgtcgtca gaccgtctac nmccagctcg ttcaacagg 240
 ccagggbeng haheggatya ctgtattngg ctgcaacttt gtcattgcttg aacactttat 300
 cactgataaa cataaatatg tycaccaact tatcagtgat aaagaa 346

<210> 162
 <211> 218
 <212> DNA
 <213> Murine

<400> 162
 ggaattcccg gctcagcgcg ccgctttttt tttttttttt tttttttttt tttttttttt 60

tttttttttt	tttttttttt	cataattgat	tattttatta	agatagttgw	ttaataactg	120
aaaaccagag	gtaaagtaac	aaattccaaa	ggctttttta	aggcataawa	tttwaaggct	180
attccaaatc	ttcttgggat	graagaaaaa	tccctttc			218

<210> 163
 <211> 309
 <212> DNA
 <213> Murine

<400> 163						
ggaattcacc	cggtctgagc	sgcgcgtttt	tttttttttt	ttttttcccc	tccttttttt	60
tttttttaaa	ggaaaaccag	tcaaactcatg	aagccacata	cgctagagaa	gctgaatcca	120
ggtcccaaag	gcgctgtcat	aaaggagcaa	gtgggacccg	cacccctttt	ttttatataa	180
tacaagtgcc	ttagcatgtg	tgcgagctgt	caccactaca	gtaagcyggt	ttacagatgt	240
ttcccavcog	gaattccacc	acactggcgg	ccgctcgagc	atgcatctag	agggcccawt	300
tcgccttat						309

<210> 164
 <211> 425
 <212> DNA
 <213> Murine

<400> 164						
ggaattccat	attccagcct	ctacccaaaag	tgctggatcc	tgatttgtgc	aatactaggg	60
actgaaccct	gatctttgta	taaactaggc	aaactatcaa	ctgataaaagt	gcactgggat	120
cttggaagtt	ctgtacttgt	gattctggac	ttttggaagt	cagagaattt	taattaccca	180
gtgagtcgac	tgctgctact	caaaattttc	attagtatct	acgtgggggg	ggggggctta	240
gaaatgtaaa	cmtggggagc	tggagagatg	gctcagtggt	taagagcact	gactgatctt	300
cccatgtggt	ggctcacacc	attttttwt	gggatctgat	gccctcttct	ggtgctgtct	360
gaagacagcv	tcagtgtaca	tatataaata	aaagaaatgt	aaacatgcmg	cttgggaagc	420
aagta						425

<210> 165
 <211> 358
 <212> DNA
 <213> Murine

<400> 165						
ggaattccgc	gcgggcacgg	agcaggacgg	cgggacggcc	ggccctcccc	gccggagccc	60
gcgggcgcgg	chgcggggcg	gtggcccagg	gcaggcgccct	accccccccc	ccccccagca	120
gcatgtcatg	gttttagtggc	ctcctgggtc	ccaaagtggga	tgaacggaaa	acagcttggg	180
gggaacgcaa	tgggcagaag	cgcccacgcc	acgcgaatcg	agccagtggc	ttctgvcac	240
ctcgctacat	gagctgcctc	aagaatgcgg	agccaccag	ccccactcct	gcagctcaca	300
ctcggtgccc	ctsgcaggat	gaagccttca	tcaggagggc	gggcccgggc	aggggtgt	358

<210> 166
 <211> 376
 <212> DNA
 <213> Murine

<400> 166						
ggaattcgta	caggttgaac	agaattgaga	atgccttgaa	gacaatagag	agtgccaccc	60
agcagacaga	caaactgaag	gagctttatg	gacaagtgtg	gtaccgcctg	gaacgtacg	120
atgagtgtct	ggctgtgtac	agagatcttg	tccggaactc	ccaggacgac	tatgatgagg	180
agaggaaaac	aaacctgtca	gcggtcgttg	ccgctcagag	caactgggaa	aaagtgggtc	240

ctgagaactt	gggtctccaa	gaaggcacac	acgagctctg	ttacaacgct	gcatgtgcac	300
tgatagggca	aggccagctg	acccaggcca	tgaaaatyct	gcaaaaactg	aagatcttat	360
gtcgcgctca	ttttca					376

<210> 167
 <211> 250
 <212> DNA
 <213> Murine

<400> 167						
ggaattcttt	tttttttttt	tttttttttt	tttttttttt	tttttttttt	tttttttttt	60
tttttttttt	tttttttttt	tttttttttt	tttttttttc	ccaaattggt	ttgatcctta	120
tagatttgga	gggccaaactg	catttttcat	ttatactttk	kgcagggtaa	gtactttaaa	180
aaacaattaa	ttgrottaaa	tccattaaca	tttwtgtaag	ggattatatg	gtcagccatt	240
ccttggtata						250

<210> 168
 <211> 392
 <212> DNA
 <213> Murine

<400> 168						
ggaattcgga	aaatgttagc	atttaattaa	cctccggtgt	ggcttttaag	ccaccagaac	60
acaggcacct	ccaacacctt	taatcttctc	ctcagctctt	ctgctgaaga	atttggcctt	120
cacgatgaca	ggttgcttag	ggagctttcc	cttgcccaga	actttgtagt	agcctgatcg	180
aacaacatca	atgatgggag	caactccagt	cttgttthtc	mgcattgacc	cgtgtctgch	240
cgctgaccaa	tgtccacagt	ttatccaggt	tgactgttgg	gcagaagctc	tggttcctct	300
tcaagtggta	atgccgcata	ccaactttcc	caaagtaacc	tgggtgatat	ttgtcaaagt	360
tgatcctcgt	ggtgcatgcc	tccagcattc	cc			392

<210> 169
 <211> 387
 <212> DNA
 <213> Murine

<400> 169						
ggaattcctg	aaggctgagg	ctgtgaagaa	ggaccgcaga	aagaagctga	cccagtccaa	60
gtttgtgggg	ggtgcagaga	acactgccca	ccccagagtc	atccctgcac	ctgagatgag	120
acaggaatcc	gaacaaggcc	cctgccgcag	acacatggaa	gcttccctcc	aggagttcaa	180
agccagccca	cgcattggtc	cccgtretgt	gtacctgccc	aactgtgacc	gcaaaggatt	240
ctacaagaga	aagcagtgtg	arccwcccg	tgccgcaaac	gtggcatctg	ctggtgtgtg	300
gacaagtacg	gaatgaagct	gccgggcatg	gagtacgtgg	atggggactt	tcagtgccac	360
rccttcgaca	gcagtaacgt	tgagtga				387

<210> 170
 <211> 226
 <212> DNA
 <213> Murine

<400> 170						
gaattccctg	gagaagcctg	gagctccaca	tgcagagaaa	tgatctgtcc	ttgtgtctcg	60
ttctgattaa	aaacaaaaac	aatcaaataa	aaaacaaaat	kgaacaacaa	ccttagtgta	120
tggcattgaga	atgtgaaaac	actagagatg	atcaggggga	tcttcaaagt	gaggcagaca	180
gccagtttct	gaagagaatt	gcagtagctc	ggaaagccag	tcaccg		226

<210> 171
 <211> 440
 <212> DNA
 <213> Murine

<400> 171
 ggaattcgca gaggcaggca gatccctgtg cgtttgaggt cagcatgggc tacagagggga 60
 gttccaggac agccagggct gtagaaaaac cctgtctgga aaaaccaaac accaccacag 120
 aataaaacaa ggagaaacag acttggtttcc aaagtggctc ttctgaagcc cctgctctga 180
 aagttcacgt gaccacagcc atgccccctc ttcactctgag tcaactggctt aaggcaaggc 240
 tgcgcgcgaga ccatgagacc gtgagaccag atgggtgggtg gacatggagg gaaggcggag 300
 gtctggctgc tgtgcagccc tagcscagc ccaagagcac ctgggtcttc gagtcagcct 360
 aggtcagtg tagtcatcaa gctcacttct gagcaggga agatccagag cgccaarccc 420
 agccccgtcc cacagatcca 440

<210> 172
 <211> 449
 <212> DNA
 <213> Murine

<400> 172
 ggaattcggt tgaattcctt caactacact cagagttcaa gtgcagacac actgtgtccc 60
 aggtcccggt ttctccaag ggatgacaag tgtgtgcaa tacctccgac acaagttttg 120
 gcacaagttc cttgactca atactctcac aaggcgagca cttactgcg gactaagcta 180
 taccacagcc ctgagaatgg aattttttcca aggtttccat ttagagttgg atcaactgtc 240
 ctctctctgt cgctgggatg acatgagaag cttacaggtt ggcacaggtg ctgaactcag 300
 tgetgatttg tggcgctctc cctccttctg cttccttttg taacctccg acatgtgctg 360
 gtccscgtgc cctcacagta gggctctgcac tgtaagtatt gtcttataga ggagaagact 420
 gatcagggag aggttgagca agcagaaac 449

<210> 173
 <211> 401
 <212> DNA
 <213> Murine

<400> 173
 ggaattccag gttattattt tgtttttggt gttttgtttt gtatttttgg agataagggtc 60
 tcaactatgt gccctggctg gccctggaatt tacagagggt agcctgcctc tgccctctaa 120
 gtgctgcaat taaagtccgt gactatcact tcaggccctc tgaggtcagt tttaatcagc 180
 ggaaataactt ttatcattct ggctttgctc ttccagata cctacactct ttcttcaactg 240
 atactcaggs ctgaaccaac ttttatcatt ctggctttgc tcttccgaat tccaccacac 300
 tggcgggcgc tcgagcatgc atctagaggg cccaayccgc ccctatagtg agtcgtatya 360
 caattcactt ktcgtcgttt tacaacgtcg tgactgggaa a 401

<210> 174
 <211> 369
 <212> DNA
 <213> Murine

<400> 174
 ggaattcccc ggctcgagcg ccgctttttt tttttttttt tttgaaagt tccagatgttt 60
 ttattcaaaag gttctcaaaa gaaataaaaac agaaaaagct aacaatctga tcaaatgtac 120
 agttcaaaaa tgtcttttgg cgtttaacaa gtcctaggaa agaaaactac agagtcactc 180
 tgaaccggta aataagtcac cactggcaag tatgtagcac tagtagaaca aaaataaaaa 240
 attaactctc ttgatcatat agatatctct atgaaaatct tttttttcaa tctgtacaaa 300

agggtctttct tcataaatta atttttttta taattttaatg gctgtctacc ccggtctcag 360
cgccgctcg 369

<210> 175
<211> 367
<212> DNA
<213> Murine

<400> 175
ggaattcata attaatagca acaaacggcc gtctcgtcgc ctgccgcagc cgcaggggtgc 60
ttttgcagac ctgacgagca atttttgtga aatacgtagt acgaaggaag aaagcttggc 120
gggtcttcac tgcagacttg gggcttcagg tggtccggac cggcatgccc tgcaaggcct 180
gccgggacat gtggcttctt gcrcgcgggt cctctgcagt cgggctggga gacttctctt 240
cgtctgactg ggtaggcatt ttcagacctc catacttttc caatacagcc aacaggctcg 300
vcagagtcta cactgcatgt taggtgggcc ccaggaatac cactgatgag actgtgtggc 360
gtasagc 367

<210> 176
<211> 387
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(387)
<223> n = A,T,C or G

<400> 176
ggaattcaaa gaggtctgct agccggtaga catcaaggat attctcctca tctacccatg 60
acatgaggaa atcacagcag aagtggataa tttctggtat ctgaagtgg caggcagcaa 120
ccagggtctc ctgcacattg ctcaggctga gctctagttc agaagtgtat atgaagtgca 180
ggatttgcca catggcattg taagacacac cgtggatcaa gacctcttcc wgctccawct 240
ccttcaatcc cccagcaaac attcctctga aataatcaca cgatgcagct agcagaatcc 300
gatgggcctc aatgtgcttc cctcagtga ccaggccaag tacctgaatc ctcttactgg 360
ggaaathgga amaatttmnn tggcttt 387

<210> 177
<211> 514
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(514)
<223> n = A,T,C or G

<400> 177
gaattcgttt tgcctatatt catgtgtaaa ttcattcaag tgatacaaga gccctaaaaa 60
tcaacccttg attcatcaaa aaatatttat ttaaaaaaaa gagagagagg gcccaggcat 120
ggtagctcac acatgcttat aatcacacac ttgggagggt gagccaaaga actgccatga 180
atgtggagtg agcatggttt aaaattcaac cctgtctcca aaacaggaga ggggaagggg 240
tgaggagattt gaaaattcat atacaggaga aattaacaga caatattatc agaaaaccaa 300
agtacactta aaactgcacc atcactctgg ttcacaggc cagagtgaat gcttgtgact 360
acactgtcgt ccacctgctg aggatgtact tattctttac tacaataact tctaaagtat 420
nctcatagtt hacagcaakk ccaganccta ataattatct aatctagngt ttctcaacct 480

tngcgatcac aaataatcta tgtactaaga cact

514

<210> 178

<211> 99

<212> DNA

<213> Murine

<400> 178

gattctttat cactgataag ttggtggaca tattatgttt atcagtgcac aamgctgctc	60
aagccatgca caaagctgcg ccgcgcccga atvcvgtga	99

<210> 179

<211> 357

<212> DNA

<213> Murine

<400> 179

gaattcggca aagggaagac acctccagct cagcccagaa gcaaagctgc tgagggggac	60
gtgggtaccag gtgggggtca gcactcatcc tccccgagca gggcatacgg gtttcgggct	120
gttaggcagg acccaggatc tgaagttggg gtgtcctcat ctccaaatcc ctcttcatct	180
gcatcccggt cctcctctcc ttactccwca caggagctgc tcagttcctc ctctctctcc	240
tcctmmtcat cacctgccgg cccaccctg ccctgcgaca gaccagctct gcagtcctctg	300
ggtgagactc ccagggtgcct ctctgttcgc ctgtaaccag gagggtagaa acatagg	357

<210> 180

<211> 554

<212> DNA

<213> Murine

<400> 180

ggaattcggg gagctatggg taggaagtgg tcccagagag gttttaggtg gaagaatcag	60
gaggagtcac aggtcaactt gcagaattac tgaagaatta ggacccccaa ttttatgcc	120
attgatctat tcccctcttt ttatttctgg ggccgggttt ttcttttttt tttttaatcc	180
ctccttagct ttttatgcgc tcataatcaa ttgtacccat tccctacata acgggagcag	240
tgatcaggta atgaatgcac cgagccatca acaccagcta gagccatcaa caccggctac	300
cacaatgtcc tgctctccac aaccttgatt tttttttttt tatctctctc tatcgcttgg	360
cctgagttgg gagggtgagtc tctgtggggg ggggccacdc acccacagag aaataaaagg	420
aattgagaag gtcgctacct ggcctgactw ctggggacag tgctgggtccc cagaagttct	480
gaggagtga ggvgcggtg gcacgatgtc ccctcacggg gtttaggaagg ygctcggagg	540
ccacaaaaga tggg	554

<210> 181

<211> 498

<212> DNA

<213> Murine

<400> 181

ggaattcctt aacactaata gaaataaatc cattaataatc tttgaaagaa agaaaagaaa	60
aagagtgggc tgagactcct gctaacctct gacctact gacctgactg ctatggccac	120
tacatattca gtaacaaact caaaaccttg aggaaccttg tgctttcagg cataccatga	180
caagctagca tgcccaaggc cctgtgcacc atctccaacg cagaaagata agagatacac	240
ttacatgttg gcaggatctt tagtattacc accaggctcag ccacattgtg tcctgtagtc	300
attgttccct ttttatatga tcctacctgt ccggacttct tcaatttgca ctttcaaagt	360
ttcctcgggg gccacaaatc aagttgtcaa tcacattgtt gattttttgt caccaaagaa	420
aggatggaag cctgctcagc agaaattatg gggcaaggct ttgattcctc tttcagcaag	480

gcttcacctg aaaggagg

498

<210> 182

<211> 461

<212> DNA

<213> Murine

<400> 182

ggaattcttt	aaatatgact	atggccaggc	agtggtggtg	cacaccttta	tcccagccct	60
caggaggcag	aggcaaggag	gatctctgtg	agtctgaggc	catcttggtc	tacagagtga	120
gcttcagaaa	aggcaaggat	acacagaaac	cctgtcttga	aaaaccatac	ataaacatac	180
cctctggccc	ctttcttctc	atcacgaaga	aatagggagg	gtacataaat	tgttttagatt	240
tagcttagaa	gtttatttac	atgtctacga	gtgctctcct	gtggagctca	agagaggggtg	300
tctgatcctc	cggaagagtt	acaagaaggc	tgtgagctgc	cacgtggctg	caaggaacca	360
aatctacttg	gtgttcttgg	gaacaccagt	aggtaaactc	cttaattact	mgagctatct	420
ctccaggctc	ctagattctc	aggaaaaaaa	cctgactaat	t		461

<210> 183

<211> 477

<212> DNA

<213> Murine

<400> 183

ggaattcgta	gggggtggctc	tgtccagtga	gccaatcatt	ccttaagacc	cttctgaccc	60
ctcctgtacc	atcgggactt	aatcaccagt	ctggggaggc	attaggggaag	gggcaagggg	120
tgcagagggt	aaacctcagg	agaggaactc	aaaacccttc	aatggggcta	tgtgatacgg	180
agacttcctg	ggatgtgtca	ctgggtaatc	aacttaaaag	cttccttctg	gtttcttctca	240
caggctagcc	tagaaggaaa	gcttttgcta	ggtkgaggtc	tkggggaggt	cttagtggtt	300
cctaataccc	tttctttgcc	tttactgtct	gtcatgcttg	tacaccctt	thagagcccc	360
amcccccahc	ccctkgcccc	tgctctttgg	tcttctctgt	gggaacctaa	cyttgagaaa	420
acttgtgtcc	caaattggca	tttgctcagg	gatatctsa	tttatktctc	ttccagt	477

<210> 184

<211> 420

<212> DNA

<213> Murine

<400> 184

ggaattcaaa	ccggctcgcg	cgccgctttt	tttttttttt	tttaatgctg	ttgtttatct	60
tatatatgat	aaagtaaatg	tctttattcc	tatgttgttg	aaaactaccc	agtaataatc	120
ctggagttca	ctgtgtcaga	ccttgaggga	gtgggcaaa	agcagcagca	caatagtgtg	180
tgttgtgttt	aggttggaag	ttctaatagg	caagtcagga	attcttatat	ctgtagctcc	240
tccagaagcc	ccaggcacag	gcggggctcg	gtgtgagcat	gtgcacacag	cyccaccctt	300
tcacccacc	cccdyhycag	ccagggtgtt	agtgcactga	gatgtgaaga	ctctgcttag	360
caaccagcag	taagtcctgt	ctcaatcgat	gctaggtcgc	tgtgagttaa	gacagggact	420

<210> 185

<211> 301

<212> DNA

<213> Murine

<400> 185

ggaattcctg	aggacatgac	atccaaagac	tactactttg	actcctatgc	ccactttggc	60
atccacgagg	agatgctgaa	ggatgagggtg	cgcaccctca	cataccgcaa	ctccatgttt	120
cacaatcggc	atctcttcaa	agacaagggtg	gtgctggatg	tgggctcagg	cactggcatc	180

ctctgcatgt	ttgctgccaa	ggcgggggcc	cgcaagggtta	ttggggattg	agtgttccag	240
tatctccgat	tatgctgtga	agattgtcaa	agccamcarg	ttagaccatg	ttggtgacca	300
t						301

<210> 186
 <211> 458
 <212> DNA
 <213> Murine

<400> 186						
ggaattcggt	cagcagtcct	ggagactgag	ccctcaactg	agggcatctg	acattctctc	60
caagttgaag	gtctgatgca	aaaccaatat	tttgtttggt	gtgtgagtat	atatccccac	120
actttggagg	cccgcagaag	taacctgtgt	tggagaaact	gactctgggt	tttacttaag	180
aggaaaagg	ggagagaaac	tagtgatgtg	tttccctgat	agactttata	tcatataata	240
taaatcacac	atggggaata	ccaaaaggca	aaaataagca	agccactggt	acctaactca	300
gaaaattata	ctcttcatcc	atttttaggga	tgaaaacaat	tgctgtcaat	ttacaagcca	360
actttcaagg	cagaatttag	gttatccaat	caggatttag	aatatcgaac	atcttcaata	420
tctaaattta	tattatatvg	tcacaaatat	caggaccc			458

<210> 187
 <211> 502
 <212> DNA
 <213> Murine

<400> 187						
ggaattcgct	ttttaaggaa	tgctggtggt	gcctgggtag	ataattacat	cacttggttc	60
actgtgttga	cactgttttc	ctcatggatc	tcctccattc	ctagctttct	ctgctatgca	120
ttttcttcac	agcgcagctt	gcggtccggt	gctgaaaatt	ataagctctg	catagtgttg	180
gctttactgt	gatgacatgt	ttcttctttt	ttagctggcc	cacacctttc	taggggtccaa	240
ctacaggata	gattacagac	tttccattag	tgtctatttc	ttttactctg	tgtagacttt	300
agaaagtcta	atcaatccag	agatgggcca	attcagaatt	gactataatt	gaacacctgc	360
taaaagtatt	tatgggagga	ttgacacaca	gcatgagtta	tttgactttt	gtaggatatt	420
taaaavtcat	ttgcagttca	tgtaacagtb	gtggtcttaa	aattcacata	ataaagcagt	480
cctgttcaaa	aaaaaaaaatt	tt				502

<210> 188
 <211> 400
 <212> DNA
 <213> Murine

<400> 188						
ggaattccgc	cctttgacac	tgcaacagca	tggtcatcta	caagtgccaa	gctgcattcg	60
tagctgtcct	gagacctgag	ctgtcatgtg	acccttcaat	ggcaggctgg	acacactatg	120
aagggttaagg	tccaaacttg	gtccagccag	taagaaactc	acggaaaatc	tagcttcaca	180
acaggagctc	aaagaacctt	acatactggg	catttcacat	caggcacatg	tctggggaga	240
ggactggata	ccagacctta	taatcagcct	aaacttgcta	agaacaataa	ttaggtccat	300
tttaaagagg	ttctagccac	tattcttgaa	actgatttta	ctaagtataa	atcctcayyg	360
aaatctgttc	taaaataggt	tattgaaagc	aactcctgtc			400

<210> 189
 <211> 463
 <212> DNA
 <213> Murine

<400> 189

gaattccttt	gcttgatcaa	tatgtttatt	gtctttatga	aaaaatcttc	atagaaaact	60
gcttttagctt	tcagcagccc	tttcttgagc	tctgaggaag	cttgcccttct	tttgagcaac	120
ccgatctttc	ttctgggcaa	gagacatttt	gggacgattc	cacctcttct	tcttcacttc	180
tctcttgggc	ttcttctcat	agactggatt	ctctcggata	gcagcatgag	ctttcttata	240
catctcctcc	atcatgtctg	gagttacgtt	gttcttgatg	tactgagaga	actgtttctt	300
atacgcattct	tcatcttcct	ccattaggta	gcgcattgtag	tctgccacat	tctgacccat	360
gatgtgcttc	cgatgtacct	ctgcattgaa	ctccttgcyt	tcagagtcac	aaccagggaa	420
tygtttggta	ctatgaggga	tagacaagct	tccathcaca	rgt		463

<210> 190
 <211> 188
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(188)
 <223> n = A,T,C or G

<400> 190						
ggaattccgg	cttctgagca	gatcagactc	tctctgttvn	cgcastcrdc	cvgtcccttc	60
cagcaaccat	gtctgacaaa	cccgatatgg	ctgagatcga	gaaattcgat	aagtcgaagt	120
tgaagaaaaac	agaaacgcaa	gagaaaaatc	ctcnrcmttc	aaaagaaaca	attgaacaag	180
agaagcaa						188

<210> 191
 <211> 276
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(276)
 <223> n = A,T,C or G

<400> 191						
ggaattcctc	tgacctcgct	gtctcttctc	tcctctcctc	tgtctctacct	ctgtctcacc	60
tctgtcaagt	tctatgaatg	actgatagaa	agctagtctg	caaccattcg	gcaggtagaa	120
atttcccctg	ctctgcaggg	agacataacc	ctctgttttg	cgatggagaa	tgaggagcag	180
agcagtgagc	ccctggggag	gctgtaatta	agawccactc	ctgnctgagc	ctcgsgcaga	240
gcctcactcg	sgattctccc	tgtaactccc	caacac			276

<210> 192
 <211> 608
 <212> DNA
 <213> Murine

<400> 192						
ggaattcggg	attcctttta	actacaagga	ttttatttta	ttagaatcta	gcctgagcca	60
gaacctttta	tggtcacagg	aagagatagc	aagtagattt	actgacatca	agaaggactg	120
cccagtggtg	gagccagcat	ttgaaactgg	actatagagg	accaactaca	attgtgactg	180
catttggtgac	tgaatgtcac	aaaaactgct	gagaggcttg	tcatgtatat	gagagacagg	240
gaaagagtca	tagtcaagac	tggaaagcatg	agcaggcaag	aagtgatcct	tagattctat	300
ccccatcagt	tctttcacat	cacatgtgtt	tggcctctgt	ataataccca	gctgtattga	360
ccaggacttc	tctgtcctgc	tttgcctctg	aattttcata	gtgagccctac	cttttggttaa	420

tgactatttta	tgagatagtg	ttctattctc	aggttactac	tgtggattga	acccaacatt	480
acaaacacca	gctcagcaam	gaaaaataac	caattactth	gtctctgttg	aacattgaaa	540
acacttccac	tgaaagaatg	gagtgattaa	aaaaagatcc	macmgatgac	cmaagtaacc	600
acagatat						608

<210> 193
 <211> 278
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(278)
 <223> n = A,T,C or G

<400> 193						
ggaattcaca	agatctacca	cttacagagc	aaagtaccca	ccttttgtwc	gaatgcwggc	60
cccagaagga	cgaccctgaa	tatacacgag	aaaamctgga	atracttacc	cttacdgcag	120
aaccgttatt	actaatgagt	acatgaaaga	agattttctg	attaaaattg	aaacctggca	180
caagccagac	cttnacaccc	aggagaatgt	gcataangca	kmggaggcct	gasrgcatgg	240
aaacatgtgg	aagctatata	tatagacaat	trctgatc			278

<210> 194
 <211> 488
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(488)
 <223> n = A,T,C or G

<400> 194						
gaattcgaga	gagagagaga	gagagagaga	gagagagaga	gagatctagt	tgtcaattga	60
acaaggtgta	tttgagcctg	gaggcatgag	cagggctggg	tcctgcggac	cctgtgagga	120
ctgtgggatg	ggcatgggtg	ttgtctatac	tgtggttgag	caccagtgcc	cagcgccagg	180
ctgactgact	agctgatacc	tccttggtat	ttgcagggtg	ctcttgagaa	gttcaggcag	240
gtgaaagtct	gtggcatcct	cctcattggg	cttctgcctc	caccatcccc	catgtaacca	300
aagagactct	gagcvcctat	tttcctcccc	tactgagaat	ccctctggac	tccanntcac	360
tcagggtaaa	agtccatcct	ttccatgacc	actgggtggg	tcttyaccat	ccacnctcat	420
cacctgtctg	aattagttga	cgctccctct	gcwccagccg	caatgggctc	agcctttgca	480
cgtggtat						488

<210> 195
 <211> 523
 <212> DNA
 <213> Murine

<400> 195						
gaattccagc	agttaagagc	actgactgtt	cttacagaga	tcctgagttc	aattcccagc	60
aactgcatag	tgactcacaa	tcatctgtaa	taggatctga	tacctctgc	tggtgtgtct	120
gaagatagtt	acagtgtacc	catatgcata	aaatgaataa	ataaatcttt	ttaaaatttt	180
tatttgctta	attttatttg	aatgtgtgtt	ttacccactt	gtatgtcttt	gtatcacctg	240
cctgcctggg	gactgaggag	gctagaagag	ggcttcagat	tctctgggtc	tagagctaca	300
gctggttgct	agtggccatg	tagatgctgg	gaatcgagcc	tgggttctct	ctgaaagagc	360

aacagtcccc	ttaaccactg	agccactaga	cataagcatt	cagagaggat	ttgttggtgt	420
tggtgttttg	ctttgttggt	gtttgatttt	tgtatttgc	cacagtggct	gcaaacattg	480
aatctgagtt	ggaggtaatc	cttttatttt	acagaatmtc	ast		523

<210> 196
 <211> 480
 <212> DNA
 <213> Murine

<400> 196						
ggaattcccc	ccgccatgac	tttcaaacct	gttgactaca	ctgtagtctt	ccttggaata	60
gactttcatc	actgcttggg	tctcctcctc	tgtacttgca	atgcccattt	ttaagtcctg	120
catagcagcc	aaagtgtcaa	gacaaccag	gatatgcaag	gctgogtgag	atcgggtggt	180
aagagccctt	gatcctgttg	gcagagcaag	ttcaggactt	agaatactac	atctggactg	240
catgtctgtt	gcagagggaa	gtctggcatc	agcaaccacg	gcattgtaac	accagagctc	300
tctggtgctt	ggtcgaaacc	tccaaagcac	atcatataca	ggatcaagac	acacacaaaa	360
tycttgacag	tcttcttggt	cagagtcatt	gaaagtttta	caacttccat	caactttatt	420
tatcagaaga	catttaaatg	gtggaggtyc	tgatatggaa	gcaggamcca	rggcctatta	480

<210> 197
 <211> 424
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 197						
ggaattcgca	acacctctta	gggcagggtg	caatccaaca	acaacaaggt	cccggagtac	60
agaaccaggc	tctgggtcct	aagcctcagg	gccttctgcc	tcccagcaac	caccagggcc	120
tcttggtcca	gcagttgtcc	ccccagcagt	cccagggatc	ccagggcctg	cttggccctg	180
cccagggtgac	agtgtctgag	cagcagcagc	agcaacagca	gcactctgga	gctctgggtc	240
ctcagggccc	tcacagacag	gtgcttatga	ctcagtcocag	ggtgctgagc	tcccctcagc	300
nggcacagca	gggtcacagc	cttatgggac	accggctacn	cncnncccag	cagcagcagc	360
agcagcagca	gcagcagcag	caacagcaac	agcvgcagca	acaacaggca	acaacaacaa	420
cagg						424

<210> 198
 <211> 455
 <212> DNA
 <213> Murine

<400> 198						
ggaattcagc	ttacataggg	aattctaggg	cagtgaggga	gtttgtctca	agaggaaaag	60
gttaagtgtc	tgaggaatga	ccctggagggt	tgctctttga	cacctgtgca	ggtgcacaca	120
cacacacaca	cacacacaca	cacacacaca	cacaggagcc	aggtatggta	ggtagcacia	180
gctttagtagc	acagctacat	gggcagggtga	gactggatga	tttagagttt	gaggctagcc	240
tggcctacat	ggtaagttca	aatccagcct	tggttatcta	gttgagttgt	tatctcaaaa	300
caaaacaaac	ttatccacct	atgtgagaca	atgtgagatt	ttttctctgc	tcaaagacaa	360
atgtttttct	caaaggtagc	aacaggctga	taggaacact	cttcccagaa	gagtdcacac	420
atgagchggg	gcmctgggva	tgctcagaag	aggct			455

<210> 199

<211> 410
 <212> DNA
 <213> Murine

<400> 199
 ggaattcatc agaagctcat tttgttattc ttttttttct ttttttttta caaatcagta 60
 aagcttaaag ccagagactt atagattggg tcaaataata tcaacagtaa gatacagaca 120
 acaagagata cagctaaagc cactaacagc aacagattca aagtaggaag atgggcaaag 180
 gtcttatcag gaaaatgcta atgaaaagaa agctagatcg caatggtaac atcagataaa 240
 ggggaaagca agccaagcta cattaaatag gggtaaggat ggcttcgggt agccttccaa 300
 crcgtcacta taagtttggt tctcacttwa ctgawctcat ctagctcctc cacaatctct 360
 aaacagatca tcactrctca agarcmgtgt gtgtatatac ctcttgaaaa 410

<210> 200
 <211> 452
 <212> DNA
 <213> Murine

<400> 200
 ggaattccat gggttaaagca tatcaaataa atactaggca aggagtttcc tgggagagtt 60
 agaaattaaa aaaatttacc aattttctgt ctctgtgata attcaatgcc agtaagagaa 120
 aggtattgaa gggacaattt tcatactaaa aaaagaattt ccctagtcac gtcaccatct 180
 cttataaaga atccaggga tcccagaaat agaaaattag tttcaggggg acccctgagg 240
 cactttaaag cctttaaaaa attacagtaa taataaatta gctattgctc ttcagaggct 300
 cacggaacag ctaacacacac aggaccagggt ccagagttag gtccgtatct caggttctcg 360
 agctgcccg cctcttttaa agcttagacg aatttccaaa tacaagacat acaatttaac 420
 acagactgag tgggdctttt tgtttagtgg gt 452

<210> 201
 <211> 387
 <212> DNA
 <213> Murine

<400> 201
 ggaattccat tctttcaaaa acaatgtatt atcacctgag aaataatcca catttagtta 60
 acttttcagg gaacttctga actcatcata catactccac taccatgt cgacactcca 120
 tttccacctc agccagttaa gtgtaaagta tgcaaacct caatgagttg tttctaactg 180
 acagactgca gagataaaaag caatgacgac ggcccttcaga tcttagcaaa aacaactgct 240
 aaagtgacta tcaaggaaaa gaaccatttt agaagcagtt ttatgtacca aggtgggttaa 300
 aacttaaaat ttgacaggca gttggtggca cgtgccyttw ataccagca cctgggaggc 360
 aaaggcmggc aggatttctg taggttc 387

<210> 202
 <211> 278
 <212> DNA
 <213> Murine

<400> 202
 ggaattcagg gagagcgcag acaggaaaac tgcagaaagc cacagggaaa gtacggtaca 60
 gactcagatc tttttatatt caacttactt ctogtttatt tccccaccac tcctctggct 120
 cctgcctaac tgggtcgcgt tggggatggt tggcatggcg ctcttagctt ttgttcgttt 180
 taattccgcg cgtcccttth ctctcvggcg gattactagg tcccgaaact tgccactaca 240
 accttaggag cagcaagcty cgccaactgg caccaccg 278

<210> 203

<211> 591
 <212> DNA
 <213> Murine

<400> 203

gaattcattt	tattttattt	ttattttatta	atagtaacaa	aatcagaag	taacaaaaaa	60
cccagttaaa	tggaatacag	aagcacagca	aatacaaatg	caatttcaaa	accactcggc	120
acagaaatct	gttgaaacca	ttttctgaag	tttaactatt	taggtcatag	gactaaccaa	180
ggcattcgga	gtgctcacat	ggatttggtt	gccgatggag	gagcctgctt	ccccaagact	240
gacagtagta	cccaagagtc	ctggtatatg	tatgtgaaaa	gacctccctg	ggctctggat	300
cttaagagac	actgatgtta	ataaaaccac	caggaccaca	taaaaccaca	gaacaaaacc	360
ccagagcaag	cccagagagc	ttgccgtctt	gttctatagg	cttctagagg	actctaggaa	420
ctgaagaaga	tgtaatcctg	cgtgttggtc	ccatgcaaat	ctcaacccaa	gtctcccaaa	480
ccaggctact	tagcagcttt	tcatgaacgg	ttcaaggatc	acctgaatct	atgggrgggt	540
cacctgaatc	tatgggaggg	tcacctgatc	tattggttsch	tcagagcaac	a	591

<210> 204
 <211> 578
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 204

gaattcgatt	tattgaagca	gtaacaagtt	ggtcagatat	ttactggaaa	aaagcagttt	60
taatgggtatt	caaaaatact	ttaaaaagta	ttctagcaca	agatttcttc	gtaaactaga	120
ttatttttga	aaccttttct	acgtcttttg	gggtgtcagt	tgtaagtgc	tgagcttctt	180
tctattccaa	atctatcttg	cgctcctgaa	aaactgcagt	aaaggcactt	gaaagctggt	240
ttcctaagat	acgatttttt	tttccttctt	gctgggtactg	cactgttgca	ccaagtgtgt	300
gcaattttta	ttcaagggtca	tcgtgatgct	gagaagtctc	attgatcacc	tgtccatctc	360
tggctcacaac	cgtcttaatc	aggagtgttc	tttttgagtg	ggtgtcaacc	agaggaagtg	420
actccaggtt	agtttctctc	aggttcaggg	aagaaaaggt	tggcagaggc	agagaaatcc	480
tgctctcmnc	gccttcagc	agcttcctgt	aaggnggcga	ncgtcaatgt	ccagggccad	540
cttaacattg	agccagatct	tggaattcac	gmagggtga			578

<210> 205
 <211> 530
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(530)
 <223> n = A,T,C or G

<400> 205

gaattccgac	ttcaccatcc	ctatcaaaat	actgtcaact	tctaaccaca	atagtgactc	60
tgtgcttgtc	tgttttagttc	tgtgtgtaaa	tgaaatgtgg	aatgaccct	ccctgccccca	120
gctggctgcc	ctccccctttc	ctttgatctt	gaccactcat	ggaagcagga	ccagtaaggg	180
accttcaatt	taaaacaaaa	caaaacaaaa	aaacaataaa	aaggctaatt	aacaacaaaa	240
aaaaaaaaaa	aaaaaaaaaa	aaaaaaaggg	ccghgaattc	caccacactg	gcgggcgctc	300
gagcatgcat	ctagagggcc	caattcgccc	tatagtgagt	cgtattacaa	ttcactggcc	360

gtcgtttttac	aacgtcgtga	ctgggaaaac	cctggcggtta	cccaaacttaa	tgcgcttgca	420
gcacatcccc	ctthbgccag	ctggcgtaat	agcgaagatg	gccncaccg	atctgcccct	480
cccaacagtt	gccgtcatcg	ctgaatggcg	aatggrcgct	scctgttagc		530

<210> 206
 <211> 501
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(501)
 <223> n = A,T,C or G

<400> 206						
ggcggtaggc	gagcagcgcc	tgcctgaagc	tgcgggcatt	cccgatcaga	aatgagcgcc	60
agtcgtcgtc	ggctctcggc	accgaatgcg	tatgattctc	cgccagcatg	gcttcggcca	120
gtgctcgag	cagcgccgc	ttgttcctga	agtgccagta	aagcgccggc	tgctgaaccc	180
ccaaccgttc	cgccagtttg	cgtgtcgtca	gaccgtctac	gccgacctcg	ttcaacaggt	240
ccaggcgggc	acggatcact	gtattcggct	gcaactttgt	catgcttgac	actttatcac	300
tgataaacat	aatatgtcca	ccaacttate	agtataaaag	aatccgcgcc	agcacactgg	360
cggccgctcg	agcatgcate	tagagggcc	aatnccgctt	atagtgaagc	gtattacaat	420
tcaactggcg	tcgtttttaca	acgtcgtgac	tgggaaaacc	ctggcggttac	ccaaccttaa	480
kcgcccttgca	gcacatcccc	c				501

<210> 207
 <211> 561
 <212> DNA
 <213> Murine

<400> 207						
gaattccaat	ctcagaataa	aggatgacca	ctggactctc	aggatttgat	gagggatatac	60
tgtgatctcc	tttgaacaat	aatggtttctg	gtctgtcagc	ggcagtcagc	agaaggctct	120
ccagagtgtc	tagatcacia	gtctgctttc	catgcactga	gagaaacgac	ttgcaccctt	180
ctggtggagg	ctcgtcaact	gctatctgct	ggaaggcttg	aattgaggct	gagtaggaac	240
ggagagagag	acaaaacttc	aacaaattct	gctgcagagg	ggacaggaag	cgaaacgcag	300
cttccaatac	ggcatcgtaa	taggagtgat	cagtatcgtg	atgatctgat	gatccaatgt	360
tttgagtggc	ttctacaaaa	ctccaaaatt	tctcttgact	gtcttctgct	aagaactcac	420
tggcttccag	cagcagtggg	gcagaaaacc	actttgtggt	gagagaggtg	staatggctt	480
ttgaattggc	ttctgctaag	gaaaacaggc	acggtaaggc	cagtgcatac	waggagatct	540
crtgtatgta	acggagmcct	g				561

<210> 208
 <211> 547
 <212> DNA
 <213> Murine

<400> 208						
gaattcgctt	gggaatgtcc	tggggaagaa	gagcagagtg	tttctgcccc	ttggcccagg	60
cagtgcagac	aggaagaatg	catggggtaa	gggtaggcca	gtaactccac	ttgcaaagga	120
tgtagcactc	actggctagg	atgcatgggg	agagagttac	tgctgccagc	tttcctctgg	180
taccgcgtat	agactggcat	ccagagatgg	gtgcctggct	tgaggcctga	gacagtgatg	240
cccttctgct	ggtggccaat	gctcctgtta	agctgcttac	tgcaaggctc	catcttctgc	300
atctgtgtcc	tggtgtgtgt	ccagctcctc	ctcgtatagt	gttagcagtc	cctcctcctc	360
accatcatct	cgagtttggg	cttctccttg	gggtgtgcct	gcctcagaag	ccgtgtcttc	420

ttggggcgct	ggtagccggc	tgtgtgtgt	gcagctcccc	ctgccgccgc	cgctgccacc	480
accaacattg	ctactgccgc	ctccaccact	gtgctctcct	cctccacact	gbgtsktca	540
cccttyt						547

<210> 209
 <211> 644
 <212> DNA
 <213> Murine

<400> 209						
ggaattcttt	ttttttatat	gtaaaacgac	aaaatatttt	aattttccat	gaccacaggc	60
tctcttcaag	aaggctgtac	ctgtatgacc	accaggtgac	agcatggata	atgcttcagg	120
acaagtcaca	attttgtact	aacaatcagt	tcaaccacag	cttgaaatgt	agtttgtccc	180
agctgcaaaa	gccacaagac	accaatcatg	cgctttaccc	cagtacagac	ttttataaaa	240
cacacatgta	tgtatttagc	acaataaacg	cgcttattat	gcactctaac	atagagcaca	300
ggaatacacg	ctatggagtg	cagccctcat	gtctccacag	gcaagagcta	gagggttaaa	360
caggagccca	tgggtgtgaca	gcaggagctc	ggagcgcacc	actctgcacg	tgacttacct	420
tacactgaga	actgtcacc	tgtccagtgg	gtggcaggta	cagtctcata	aacagtgtta	480
tttcctagag	cagagatgtc	agtctggatg	tgagtcgctg	ttacctagaa	ggsattacaa	540
gtcagctcca	tagaagggtg	gcgtttggct	ttggggtcga	gtgtaacagt	gtcccgacaga	600
cacttkcaca	cccgaccccc	tgtgccccag	gggagtgcgc	ttcc		644

<210> 210
 <211> 442
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(442)
 <223> n = A,T,C or G

<400> 210						
tggaattccc	agtgtcacgg	cactgtgtgt	tacagggccc	gccacctcga	cagcgggtcat	60
tcaggtagcg	gtcttcttgg	tctcctcgt	caggaatctt	agctgggtcc	tgaagggtctg	120
caccgttgcc	ttggacaaag	tctgaattct	cccgggcctt	cacacagcag	gcacggaaca	180
ccagcccaca	ctggtagctt	atcatgacaa	tgggttcaca	ggtctggtct	cgggccaggg	240
atgcctttcc	cagcatgcaa	cagtggcagc	acctctttat	gaagatggtc	tcaaggctac	300
tgtttagtag	gtggagcgag	gncagcttt	cttggctcgc	tkggccargg	ttgatgcccc	360
tkgcacagt	gcagctcttt	ccagtttgg	tgtgacaaca	tttkctcatk	gggccattct	420
gcacdcytc	ggattctbga	gg				442

<210> 211
 <211> 496
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(496)
 <223> n = A,T,C or G

<400> 211						
ggaattcccc	tccagctccc	cgggcggtgt	ggagaagcgc	aagctcccgt	tctccgagga	60
gtgctctgat	gaggaggcaa	aaggcgattg	tctggagtct	ccgaaagtaa	ggaagggtac	120

tttgagctgc	ctggaggccg	catagccagc	gagccaactgc	gaatacacgt	tctccgtgtt	180
aggcatcgcg	gccgggggca	ggtcaaactc	cttctccagc	ttgatgcgct	tggagaaggg	240
gctcagcgag	ctgggggtac	ccagcagcag	cttttttgac	agaccccccg	aagccgattc	300
gccgggggag	cagccacgac	cattaacagt	gccatcgtct	atgcggtctg	actcaccggc	360
caccgagtct	tyatcacaag	tggtcccyaw	ggscctcsgg	ctctggccag	gtggctacsc	420
ttatgctttt	nncccaggac	cttgtggaag	gcctctctba	agtgtgcat	ggagctgagc	480
accatgccct	gcatga					496

<210> 212
 <211> 430
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(430)
 <223> n = A,T,C or G

<400> 212						
ggaattcccg	ttctcctgta	taggaggcag	ccatggcgcc	cagccggaat	ggcatgatac	60
tgaagcccca	cttcacacaag	gattggcagc	agcgagtgga	cacttggttc	aaccagccgg	120
cgcgcaagat	ccgcaggcgc	aaggcccgcc	tggcgaaaagc	gcgtcgcatc	gcccccgcc	180
ccgcgtccgg	ccccatcagg	cccatcgtga	ggtgccctac	agtgagatac	cacaccaagg	240
tccgggctgg	caggggcttc	agcctggagg	agctcagggt	ggctggcatc	cacaàgaaag	300
tggtcgcac	catcggcac	tctgtggacc	cgaggaggcg	aaacaagtgc	acggagtcac	360
tgcaggccaa	cgtgcagcgc	ctkwaggagt	wyckctccaa	gctcatncct	gttccccagg	420
aagccytytt						430

<210> 213
 <211> 383
 <212> DNA
 <213> Murine

<400> 213						
gaattcgctt	gttctgtcat	tttctttcct	tggtaaactc	tctggggatt	ggtctgtwct	60
cagctgtgac	tatagtcaca	tcctggttcc	cagcagaaat	kgtgaaacaa	cctgcwgcct	120
agcccacagt	actacagttc	tctgttttgt	ttctgtttct	agcccgtctc	gatactgaca	180
actggagttg	aagctgcttg	aagtaagtct	gatgctttca	tataagtga	tttgtaggac	240
tattgctttt	wrtttttaca	acagaagtaa	ttctgacata	ttaagtggaa	aatctaaata	300
agtatataga	ttatataaca	tgattttaat	tacatkggat	ccaactacat	atgtgattag	360
ataatgtgta	tatgtacata	tgt				383

<210> 214
 <211> 166
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 214						
gaattcgaaa	tccctatgct	gdnmagagga	aagccagcta	agtttttnwrc	tgtgtttwrt	60
tctaaacgtg	atggtgtytc	tgaggccaaa	aagtacaagg	caagtttwno	aatattttctc	120

tgcaaagaag caaagagaga aataagaccm sccagcaatt gaattt

166

<210> 215
 <211> 231
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(231)
 <223> n = A,T,C or G

<400> 215
 gaattcctcc gattcattta ttaggacatg atctctgatg aatctttact tcccaattgc 60
 taggcttact agcagcaagc acacctgcac gagstccaac atgggktctg gagatcctac 120
 acaggctaac aatttdcnnn vcttctaaaa tggaattctc acaccaaaacc acttacctct 180
 tctttgrttt tctgbacaaa gtcaagtcaa cataggacag ggcgtogctc t 231

<210> 216
 <211> 294
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(294)
 <223> n = A,T,C or G

<400> 216
 ggaattcaag agaaggaaag agagaggggg agagaaadaa agaaagaaag aaagaaagaa 60
 agaaagaaag aaagaaagaa aaagagagag agagagagag agagagagaa ataaagaaaa 120
 rgctaaamnt ddmwrvwrct taarmtctta tagaaccaca catcattttt gtttgactta 180
 tatcccmctc bgcaatmtca aagtccagtc caacaagagt tccmgcttcg gacacacatt 240
 tggtcaggat gatggtggtt artawctvnm tgtgntctgt ctagrwcmma actc 294

<210> 217
 <211> 506
 <212> DNA
 <213> Murine
 <220>
 <221> misc_feature
 <222> (1)...(506)
 <223> n = A,T,C or G

<400> 217
 ggaattcctc cagggtagtc tggaggtggt gataccatag gagaatccaa gtttacaatg 60
 gatttcataa caatttctaa agcatttctt ccatactggt taaaaaaaaa aaaaaaaaaa 120
 aagatgtttt aaccaggctc accatttggt taattttttt gaccaattaa atgtatataa 180
 ttataattgt accaaatatt cagaaactat tttttataaa tattcaggac attaattacg 240
 accgcctatt tgtgcctttt cagacagcag acattcaata tgttaatact tttttaattt 300
 ttaataactc atcttgatgt tttcccaaaa ntncaggag tattttccaa aaggaataaa 360
 aaaaatgtat gtatagatca tgatagtgtc aatcctgtct cacatgaaaa taccagaagg 420
 caaagctaac aagagcaagc aagtagagtg gttagnnhca catcactaga gacacagaaa 480
 tgtaccttgt tgtcaaaagt gaattct 506

<210> 218
<211> 492
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(492)
<223> n = A,T,C or G

<400> 218
ggaattccag aggaagggag ctcagaagat ggaacgaagg ctgatgagaa gagctctgac 60
caaggggtgc agaaggtggg agatactgat ggcactggta atcttgatgg aaagaaagaa 120
gatgaagacc ctcaggatgg agggtccttt ncctcaacac tgtccaagtt gaaaaggatg 180
aaacgggaag aaggaacagg ggctacagag ccagaatatt accactacat cccccagca 240
cactgcaagg tcaaacctaa tttccccttc ttactcttta tgagagccag tgaacagatg 300
gaaggggatc atagtgcaca ctcaaagagt gcccccgaga acagaaaaag cagctctccc 360
aagccgcaag ctgttagtaa gacagcagca agcccagggg cagaaagaac agtgagtga 420
gcttctgagc tgcaaaagga agccgctgtg gctggncctt cagagcctgg nggcaaagtc 480
atgaaacmaa ga 492

<210> 219
<211> 458
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(458)
<223> n = A,T,C or G

<400> 219
ggaattctaa tcatatgtca gagaaatagt aacttcacca taagtgatag tgaaatgagg 60
aactgtgagc tataaagaag ttatgttaat gtgtgagatg tcttttcaaa aataaagttg 120
tactatggac aaatactatg tgaaacttat ttattgtaat tttttctagt atttataatt 180
attttataca acttttatgt gtttttgctt ttcacttgac aactaggcaa taatcttgca 240
actttcttcc aggtcactta gatatgttca gtacattacg ttctcttagc ttgtacaggc 300
aacatccaaa aactcttcga agcatttggt cagatcttca gtattttcca ggtacaaaca 360
agtgtattat ttattttgra aaacatagtt atatttagta agacttggtg tnmscmgddg 420
gtggtaattg aagtaccta ttccytggtg tattaagt 458

<210> 220
<211> 319
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

<400> 220
ggaattcatt caaacactga aaaccaaatt ttataaaca ccatcaaatac tatgcagttt 60
gcagattttc ctccccctct tgaaataatt tcagaagcat acacagaggg gtccctacac 120
taagaaggca ccaggggcccc agttttattcc agtttatggc cttttctgtg gtccgagggc 180

agccttatca gcaggcatag actggtcaaa ctagccccgg aaagmctgct ttatgaactt	240
caatgacgat yccatcctca aaaangccta atcaacyacc gtctccattc ttttccmaca	300
ctgactagtt aaacttatt	319

<210> 221
 <211> 221
 <212> DNA
 <213> Murine

<400> 221	
ggaattccag gctcgagcgg ccgtatacta ttatatwaat caaaacattt atcctactaa	60
aagtattgga gaaagaaatt cgtacatcta wggagctata gaactagtta ccgcaaggga	120
aagatgaaag actaattwaa agtaagaaca agcaaagatt aaaccttgta cttttgcata	180
awgracttaa cthagaaaac cttcttaact aaargaatta c	221

<210> 222
 <211> 285
 <212> DNA
 <213> Murine

<400> 222	
gaatthggca taaatcaaag ggggtgaaat taaagcaatc ctttctgtta tttctcacia	60
gtggcagatc tgtattttgt ttatagaaga ctgtagatcc ttttaaatga cagacagaat	120
tcttaarrra ttttaaggca tggagaggta aatgacaggt ttgtacatgg agtaataaag	180
gtatcaaaag tagaaatatt aaattatggg agtggagaga gagagagaga gagagagaga	240
gagagagagg agagatcgac agagagaata caacgtttgg ttagt	285

<210> 223
 <211> 473
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(473)
 <223> n = A,T,C or G

<400> 223	
ggaattcgtg acctcactgc ttagttcctg gaaagcttgg gacagacagg ggccttggct	60
agactgtccc caacacccac tccctgccat gctcagtgtt gggcttgggt ttcaccactg	120
gggcagcaag gcaggccagc ggggcctctc tgggctctgg aaacaagctc tgccacatag	180
ctctgggcac agtccatccc ctggggcctg aaggagggtca ccgggagggtg atctttttcc	240
acctctgatt gagcaagaca aggccactgg ggacaactga acagcacagc caaactttga	300
aacagagaga cagggccagg caaagtgcc accctgcccc cactcttyct gcgttcababn	360
ccagtctccc tgggggagtc agtgacggga tctgggggat gttcctctcc agatctgttm	420
actggccttt tagaaatgcc tcctggggat tgtgaattag tagagcagtt tgt	473

<210> 224
 <211> 342
 <212> DNA
 <213> Murine

<400> 224	
ggaattcata agaatgacca aataaaattt tgggagcaat aaatgtagga gaaaaatctt	60
tgggtgggggg tttgggaaag cttaactttt taaaggataa tgtcttttta aaaagaacat	120

ctctggctct	gactgttgaa	aatacttaag	atatacatat	cagttttatt	tgctttaaaa	180
tcaaacagag	aagcaatgct	ttaacagata	aaaacagaag	gtcaaactag	ggctagagcc	240
tgttagggaa	agragaaaag	gctaacctag	kggactcagt	gggtgtaact	gaagatagct	300
accacatgca	agatgtwcac	gggcagagag	tttatcctga	aa		342

<210> 225
 <211> 89
 <212> DNA
 <213> Murine

<400> 225						
gaattcgcgc	gctgtsttcc	cgctcgcgtc	agggacctgc	ccgactcagc	ggccgccaatg	60
gcatcagatg	aaggcaagct	tttkgtggg				89

<210> 226
 <211> 283
 <212> DNA
 <213> Murine

<400> 226						
ggaattctct	ccattactta	cttgtctctt	cttagtgagt	ggtaaccgwt	gagtctctaa	60
gagstctggg	gtcatctcag	gagtgcctatg	ctcagcttat	gcattatggc	accgggcagg	120
ggtcattttg	ggcatggctc	gctccccaga	tcagtgtgag	caccagactg	gtgatcatct	180
caggctccct	ccctcttggg	agccccatag	cacctgggtg	ttgtctcarg	gtcttctgtc	240
ttggahtchm	tyccacacag	cctgtgggtcc	taggcaggat	tcc		283

<210> 227
 <211> 259
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 227						
ggaattcggg	aatccttacc	atcacacaaa	acttacatca	gtgctgtgaa	atgtaacaga	60
aaatctgggg	atgcctgact	ttkgttattt	ccctgggtatt	ttattaagct	tgagtatggg	120
taatatttat	gctggcggtg	cattaatctc	aaaagattag	cacctatatt	ccatggattc	180
tctcghgctt	tagtccaaat	atttttaacc	ngggcatggc	agtacaccac	ctttaahccc	240
agcacctgag	ggaggcaga					259

<210> 228
 <211> 390
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(390)
 <223> n = A,T,C or G

<400> 228						
ggaattccca	gactgaggaa	gacccggaaa	ctccggggcc	acgtgagcca	cggccacngc	60

cgcacgcgta	agcaccgcaa	gcacccaggc	ngccgcggga	atgctggagg	catgcaccac	120
cacaggatca	actttgacaa	atatcaccca	ggttactttg	ggaaaagttg	tatgcngcat	180
taccacttga	agaggaacca	gagcttctgc	ccaacagtca	acctggataa	actgtggaca	240
ttggtcagcg	agcagacacg	ggtcaatgcg	gcaaaaaaca	agactggngt	nnmtcccatc	300
attgatgttg	ttcgcacagg	ctactacaaa	gttctgggca	aggraaaavt	ccctaaagca	360
acctgtcatc	gtgaagccaa	attcttcagc				390

<210> 229
 <211> 415
 <212> DNA
 <213> Murine

<400> 229						
ggaattcggga	gaacttcact	tcaatcagct	tccgaggggt	tagggatcga	tgccagtacc	60
tgcagggtgcc	cacaggcttt	ggcaacacca	ctccggcagt	gtaaaacagct	tggaaaatgc	120
cctccagggtg	gacccgccgg	gtgatctctc	ggatcaaaac	tggagccacc	ctcttagagc	180
gcagcttctt	gtggacacac	aggaagttga	tctccaccat	cttcttctct	gtgtcataga	240
tgtggatggt	tgctgggatg	gcactgatga	acccaaccag	tttccgactt	gagaccactc	300
ggacccca	gtgccactgt	gggagccaac	ctggtkgccb	gagagccac	aagagaract	360
tctdgggraa	tagtcaatc	ggaacatat	gtcatcatct	tccacggtag	tttct	415

<210> 230
 <211> 273
 <212> DNA
 <213> Murine

<400> 230						
ggaattcttt	tctattaacg	atttcaatct	tcatgaagac	aaagggacaa	taagagatgt	60
catgaccca	acacttaggg	taagcaattt	ttgtkgcatt	tgttattagc	tgttcttgaa	120
ttagcttatt	caaattttct	tacaggagcc	aaaaaggagg	gagagacacc	caatttgawt	180
attttaaaat	ttaaacaag	aagtaaaca	accygttaa	akgtttcaca	tagcacagtt	240
tggggaggga	gaacaaatca	ttttctgvcc	ttc			273

<210> 231
 <211> 230
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(230)
 <223> n = A,T,C or G

<400> 231						
ggaattcccc	ggctcgagcn	ngccgctttt	tttttttttt	ttaaagcaaa	atcttggaat	60
attcttccca	tatcatatat	tttattagac	aatattatga	tttttgtctg	gtctttaata	120
cccaaaggga	tggtgttcca	ctaactcaaa	accaccagkt	ccttcactac	ctacaacagt	180
ttagratcag	ktttaaaacc	cctttctcat	caagrggcag	gacaatttaa		230

<210> 232
 <211> 359
 <212> DNA
 <213> Murine

<400> 232

ggaattcttt	tttttttttt	tttttaaattc	agacaaccaa	gttcattgga	agtgtatgta	60
aaatagaagg	taaccttcct	gcaggagAAC	caaggggctc	tcctgtgagg	tagtgccacg	120
ttatgaaaac	tatgaaaact	gaaaagtatc	ctcccttttg	caaagggttct	aagctgtgtt	180
acagatactt	acaagaggtt	taagatgtga	gtgaacgtgt	ccctattgtg	ttctcattta	240
tagccttttc	tatgaactgg	tgatgttttg	aagtatgagt	ttatgaagtc	tctttgtgaa	300
cctggacttt	tatttctaaa	gtttgaacyk	gtgtgacact	agagkttacc	tgaatacaa	359

<210> 233
 <211> 362
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(362)
 <223> n = A,T,C or G

<400> 233						
ggaattcccc	gaattgtaaa	taacttcata	ttgggatctg	cattaggtgg	agggcttctc	60
tgcagttcta	ttcttgcacc	agactgttgg	cttatgcttt	ttatggtttc	acctcctttt	120
tycaatgata	agtccagttt	tcccagttgg	cacaatgaaa	ttaaactcct	ggngtccacc	180
cggggggccc	atattccagt	ttccttgacc	tctacctcgt	cctcgaccac	caggtcccgg	240
tccaccagga	ttgccagcct	gaacacttcg	tagaaggctc	gtgattatct	ctgcagcgtg	300
ctgacacctg	tytggaggtc	ctgtttatct	gtgccatwcc	tawtcagggtg	ttgttccatc	360
at						362

<210> 234
 <211> 217
 <212> DNA
 <213> Murine

<400> 234						
gcggttaggc	gagcagcgcc	tgcctgaagc	tgcgggcatt	cccgatcaga	aatgagcgcc	60
agtcgtcgtc	ggctctcggc	accgaatgcg	tatgattctc	cgccagcatg	gcttcggcca	120
gtgcgtcgag	cmgcsccgcg	ttgttctga	agtgccagta	aagcsccggc	bgctgaaccc	180
ccaaccgttc	vccagtttgc	stgtsgtcag	accgtct			217

<210> 235
 <211> 325
 <212> DNA
 <213> Murine

<400> 235						
gaatccgcgg	ggaccagccc	ggcagaatgg	ctcccgcaaa	gaagggtggc	gagaagaaga	60
agggccgtct	gccatcaacg	aggtggtgac	ccgagaatac	accatcaaca	ttcacaagcg	120
catccatgga	gtgggcttca	agaagcgtgc	tcctcgggca	ctcaaagaaa	ttcggaagtt	180
tgccatgaag	gaaatgggga	caccagatgt	rcgcattgac	accaggtcga	ataaagccgt	240
ctgggccaag	ggaataagga	acgttccata	tcgcatccga	gtacvcttgt	ccagaaaacy	300
gtaatgagga	tgaggatccc	caaac				325

<210> 236
 <211> 521
 <212> DNA
 <213> Murine

<400> 236
ggaattcggc cctttttttt tttttttttt tttttttttt tttttttttt tttttttttt 60
tttttccatt ttagtgagaca tctttattgt ttaatagatc atcaatttct gcgacttac 120
agctgggatt tcatcagatt gccatgctga gtcaagaaca gtgagtgcg aagctaacca 180
gaggctacat acgtcagaga gagagctcag cctttacagc tcaacttctt tctcaggcag 240
aatataaata gacgccctct acaatgcaca atgggttttag tactaagga atttaaattg 300
gatcttgaag aacacagaca aatcctgatg cagtaaagac gagctgagat gctgtgcaac 360
tgtttaaggg ttcttggtgc cacatctcag ccactagctg aatcttgccg taacacaaaa 420
tgagagwgtg gaaaacacta ggttgactta ggagcacagg aaccaaaggc gggaaagaaa 480
atactaaaca ttgctgagag catccacccc aggaaggact t 521

<210> 237

<211> 301

<212> DNA

<213> Murine

<400> 237
gaattcgcta tgagaagggtg gcgagactgc agaagggtgga gacagaaatc caacgggtct 60
cagaggctta tgagaacttg gtgaagtcac cttccaaaag agaggctctg gagaaagcca 120
tgaggaacaa gctggaggggc gagattagaa ggatgcatga cttcaacaga gatctgagag 180
accgtctaga gactgccaac aagcagctgg cagagaagga gtrcgaggrr tccgaggaca 240
ccaggaagac catctsgsag ctctttgcc aacataaaga aarccagcgg gagaaggaga 300
a 301

<210> 238

<211> 483

<212> DNA

<213> Murine

<400> 238
gaattcaaac accactacaa aagacactct atcaaaatca gagtaagaaa aatatgaaaa 60
ctttcttgct ttctgattat cttacgtgga accggaagga aaagctagtg agaggatatc 120
aagtcacttc taacaaccac agagttataa acctatctgg tgttgaaaat caacatgaaa 180
acgaaccagt cactttgact aaatataagg ctggttggtta catgccttaa ggaaccactg 240
ccatgttcaa catgtggcaa aaagacaggg catgtttgga attcatcttt aaaacatcct 300
gtctgaatgt accttactcc gaactaagtc acattttcta gaggtcccat gagaagaaag 360
twaaggatat cggtagatta ctctaacaaa aacttcagtt aagcattacc gtggctgttc 420
actgctaata actagagrpg catgttaagc tagggaagct aaggtcagca cgacgtctgt 480
aaa 483

<210> 239

<211> 469

<212> DNA

<213> Murine

<400> 239
gaattcaagg ttttggtatc caaaaactac aagcagactt ccgtgtagat atgttgatga 60
agatcctgac tctctaggat tgtactttgt gottcaacta ttcaaggcat agcatgaatg 120
gacgtccatc ttacaaaata acctgtgtga agatgaatga ttccggcctga agcagggaag 180
ttgatcagta ttgatttgct tgccttcaca aagttctgaa cagcaatgat acgccagtt 240
ttctgcctta agtggttggt ttcttctgta gcattgtact gaactagatt aagaggacaa 300
aattaatgaa taaggtgttc chtgaacttc tgtacgcact gtctactcaa cattatccat 360
atgattctta cctgatccat gcatttattt atagttacta acaaattgtga aawtactgat 420
cctttgctct gaacttgaca tccagahcyc agattttctca tttattcac 469

<210> 240
 <211> 200
 <212> DNA
 <213> Murine

<400> 240
 gctggcgcg g attctttaht cactgataag ttggctggac aatattatgt ttatcagtga 60
 taaagtgtca agcatgacaa agttgcagcc gaatacagtg atccgtgccg ccctggacct 120
 gttgaacgag gtcggcgtag acgggtctgac gacacgcaaa ctggcggaac gggtgggggg 180
 ttcagcagcc ggcgcgcttt 200

<210> 241
 <211> 477
 <212> DNA
 <213> Murine

<400> 241
 ggaattcggc aaacgctcaa ctactgagct acagttctgag ctacagtataa tttttaagga 60
 ttttaccaat gcttaaatgc tgttgcttga tgttactact tatcctggta tagatgggtga 120
 aaattttcag atatgtggat ttttatcatt aacatggaaa aagaaaatta gttttaaaaa 180
 gttatggatg tgtctgtgta gcaggtgcat gcattgccta tggagthcag atgtgggtat 240
 caaagtctct gtaagtggag ttacagattg ttgtgaactg tcatgagaat acttggaaact 300
 gacactgggc cctgggaaga gcaagcagta ctcttcaactg ctgagccatt tctccagaca 360
 gcaacatcct aaacmgttat tctggaatcc cacacccta gtcataatttt cagttaggct 420
 aaaagattca ctcatacttt ctctctctat acaggaatct gtgtatctct gtacaga 477

<210> 242
 <211> 535
 <212> DNA
 <213> Murine

<400> 242
 ggaattcatc ctttcaaatt ataatcatc tgatagaggt attttaatat acatgctttt 60
 aaaaacaaaa caaaaaacta ctgtcagtat gaatactgag ccagactggc atatatagat 120
 ttaacatctt gtcctactaa gattcttaac tgtataaaaa taatatggct ttttagacata 180
 taggatacta atttcaatga gacccttato tctttattga acattatgtt agggacagta 240
 aaagccatgc acttacctgc taccatttgg aaaataaaaac gactgtcccc aacctaaagta 300
 agtatgaaaa ttaggctagc cttatttcat ctttaactac taaaagtaag tctatagaac 360
 ttaaaaattta agcactatta gttgtcatgg ctatatttta ttttccaaaa attaaagttaa 420
 aagtcattaa tgtcattgat tatatacatg tatgtttttc taataattaa aatacctttc 480
 aaatccatgg aatgtctggc ttttaaatgt aatttgacct ttcgcgcytg atttt 535

<210> 243
 <211> 364
 <212> DNA
 <213> Murine

<400> 243
 ggaattcttc tggctcatggg caacattatc aactggctgc tggctgcata cggactcatc 60
 atgcgccccca atgactttgc ttctacttgc ctggcaattg gcatctgcaa cctgctgctt 120
 tatttcgcct tctacatcat catgaagctc cggagcgcgga gaggatcaag ctcatccctc 180
 tgcctctgcat cgtctgcacc tccgtgggtct ggggcttcgc gctcttcttc ttcttcagg 240
 gactgagcac gtggcagaaa acccccgag agtcaggga gcacaaccgc gactgcatty 300
 ctyctcgact tctttgatga ccacgatata tggcaacttc tgcctccat tgccatgttt 360
 gggt 364

<210> 244
 <211> 600
 <212> DNA
 <213> Murine

<400> 244
 ggaattccac acatgcactt actcatgcat gcatgcacaa acacattact actgatacag 60
 atgtcagtat tcccagaaag agagttcaaa agatattatg actgtattcc acgtattcaa 120
 aaatatcagt tgaataagac taaaattaag cttatagcaa aaaactacac atagtgtaac 180
 aggaagaata caagaagttg acagcaggct atactatgtc acaggttggg gaccatggag 240
 acagtgactg ctacgcagta ggaagtgtgc tgagtgaatc actgagacaa acttcctttt 300
 aatgggcaga acatccgtga acttccttta accaaataat ataatagttgg aaaagtcaaa 360
 gaaaaaagaa tacctagaaa agtaatatct gaaaaatttc caaattttgt acaaaccatg 420
 aatccatata ttcaagcaca agaatacaag aaagaattac atttaagatt ctaaaagatg 480
 attagaaaga gaaaattata aatagttatg tgttatttaa aaaaaaaaat ctatgacgac 540
 taaggctggg ggtatatacc ttcactcctt gaactcagga agccbaggca ggtarggtgt 600

<210> 245
 <211> 325
 <212> DNA
 <213> Murine

<400> 245
 ggcgcggtatt ctttatcact gataagttgg tggacatatt atgtttatca gtgataaagt 60
 gtcaagcatg acaaagttgc agccgaatac agtgatccgt gcgccctgga cctgttgaac 120
 gaggtcggcg tagacggtct gacgacacgc aaactggcgg aacggttggv ggttcagcag 180
 ccggccttta ctggccttca ggaacaagcg gcctgctcga cgcactggcc gaagccatgc 240
 tggcgagaa tcatacgcat tcvgtgccga gagccgacga cgactdgcgc tcattttctga 300
 wcggaatcc cgcacyttca ggcag 325

<210> 246
 <211> 239
 <212> DNA
 <213> Murine

<400> 246
 ggaattcgta agaacaagca aagattaaac cttgtacott ttgcataatg aactaactag 60
 aaaacttcta actaaaagaa ttacagctag aaamcccga rmcaaacdag ctacctaaaa 120
 acaattttat gaatcaactc gtctatgtgg caaaatagtg agaagatttt taggtagagg 180
 tgaaaarcct aacagcttgg tgatagctgg ttacccaacm tgaatttaar ttcaatttt 239

<210> 247
 <211> 377
 <212> DNA
 <213> Murine

<400> 247
 ggaattcgtc ttgtctggac aaaaatgggtt ggtttaaaag gccaaagaaa gtgctggtag 60
 aatgagagt actaattagc ctccaaaaag agactgttct cattgtcttt gtacctcagc 120
 catagcctgg tgactgggc acatggctcag tgtctcagaa aatgtttgtt gaatgaatgt 180
 tgtttgtttg tttgtttgtt tgtttgaatt ctggaaatta tttgttgaac acaaagacac 240
 ccagcaccta ctgggtgctc actgtttgtga gagactaggg ctgghhvctg ggcagtaggg 300
 acagcctcat tggctaatta aggatttttt tgcaattocv ggcgatttac aaggcacttt 360
 cttgtgagtt atgtagt 377

<210> 248
 <211> 452
 <212> DNA
 <213> Murine

<400> 248
 ggaattcccc taatctccat taacgaaaat gacccagacc tcataaaccc aatcaaabc 60
 ctagcattcg gaagcatctt tgcaggattt gtcattctcat ataattattcc accaaccagc 120
 attccagtc tccacaatacc atgatttttta aaaaccacag ccctaattat ttcagtatta 180
 ggattccctaa tcgcactaga actaaacaac ctaaccataa aactatcaat aaataaagca 240
 aatccatatt catccttctc aactttactg ggggtttttcc catctattat tcaccgcatt 300
 acaccataa aatctctcaa cctaagccta aaaacatccc taactctcct agacttgatc 360
 tggtagaaa aaaccatccc aaaatcacct cawctcyttc acacaaacat waaccacttt 420
 aacaaccaac caaaaaggct taattaaatt gt 452

<210> 249
 <211> 499
 <212> DNA
 <213> Murine

<400> 249
 ggaattcgaa aaaacaaaaa aattctgcat gctcagatgc acagactaag actgggtaac 60
 ataagccatg caattgccaa cgtgctacca taatatatag tatagtgagt attgtcatca 120
 catgacagta ttcagtgcga tagttatgta agatttactg aattgtaaaag aattggaatg 180
 catataggat atatttgatc agttttctta catttagcat atttatatta cccatcttat 240
 ttgtgttatc tctaattgtt cattatggct cgagccttat aaattaatgt cactcaciaa 300
 ttcttattag ggaaaatagc cgtatgctac ctgctaatac ttaccaaatt agtatcttac 360
 ttcaaaagat gttttgctaa aattttaata aggaaatagc atgctatatt ttctaatttt 420
 aatttatatg gaacaagtca acataattta tatgarttta aatctccaga tacttcagaa 480
 attggtgctt gtacacgctc 499

<210> 250
 <211> 399
 <212> DNA
 <213> Murine

<400> 250
 ggaattcagc agagcacact cccaagtgc cagattttaac acagtagcga ctatttgcat 60
 ttacaggact tttcaacaat ctgaaaaaag atcaactgtt gaagatctgt aggtatgtta 120
 caaaaaccac tggagttctt gtacaacagt atgcgttctc agcaaaacca acaccaggag 180
 atccgcatgg caactgagta accgatccac tcccgcacac ccaggggcag gtctccgtga 240
 gctctaagct gtcttataca aaagttaagg caaagtcatt ttcaagttta aataaaattc 300
 aagtctttta atatttgat ggaaataatt ttttctcctt agaaaaaaa aaagrraaaa 360
 gaaacaaaa caaccttcag tctcattaaa wacatttt 399

<210> 251
 <211> 183
 <212> DNA
 <213> Murine

<400> 251
 ggaattcggt ttatcttaaa atcatatggt taaggcagta agacactaaa ccaaaacaaa 60
 aaacaaaaaa caggacatt ttaacaactc aactccatt gttctctgtg gcatttatcc 120
 agcaagcaca tggaaatagc aaamgagaat ctacaatagc tgtcccaaat gcaattacac 180
 atg 183

<210> 252
 <211> 396
 <212> DNA
 <213> Murine

<400> 252
 gaattcgttt tatcttaaaa tcatatgttt aaggcagtaa gacactaaac caaaacaaaa 60
 aacaaaaaac arrracattt taacaactca actoccattg ttctctgtgg cattttattcc 120
 agcragcaca ggaaatagca aagagaatct acaatgctgt cccaaagcaa ttacacrtgg 180
 aaagwttacc aatgcagggc tgggstttga aagccaaagt gttagtgmag awacagagct 240
 tgacacctag caagragara cgagttttgga gcstttggtgc tcaagtmttg aaagattgaa 300
 mtmtttgaag tmgttcatta gtcacaaag gtcactatgm aatagttgcr acttttaggtg 360
 taaatctgtg tggggaggtt ttatagcett tggcag 396

<210> 253
 <211> 407
 <212> DNA
 <213> Murine

<400> 253
 ggaattcccc ctttttaccg gtggatggac acagagaact tcgtgttgcc tgatgacgat 60
 cgccgtggca tccagcaact ttatggaagc aagtcagggc caccacaaaa gatgccccct 120
 caaccagaa ctacctctcg gccctctgtc ccagataagc caaaaaaccc cgcctatggg 180
 cccaacatct gtgacgggaa ctttgacacc gtggccatgc tccgaggaga gatgtttgtc 240
 ttcaaggagc gatggttctg gcgggtgagg aataaccaag tgatggatgg ataccaatg 300
 ccattggcc aattctggag gggcctcctg catccatcaa tactgcctac gaaaggaagv 360
 mhcaaatttg tcttcttcaa aggagataas actgggtgtt tgacgaa 407

<210> 254
 <211> 354
 <212> DNA
 <213> Murine

<400> 254
 ggaattcccg gctcgagcgg ccgctttttt tttttttttt ttttttttaa tcattaaggt 60
 aattttatta atatagatat ctgcagatca agtgaatggc actaatgaat agttttgggtg 120
 acctcaccct ctcatgtata acactgaaga ttcttccact ccatgttcac tccagactct 180
 cagtttttaa gcaagcatca cagaatacca ggctcttaca gtgatcgga gcyagagctc 240
 ttacacaaag ccatactcca cmhgctgaca gtttctttag taatacatat agtactatca 300
 gataactcat tccaacaaca aaaaattahh cattatgtca accaattgcb ccat 354

<210> 255
 <211> 575
 <212> DNA
 <213> Murine

<400> 255
 ggaattcagc agagcacact cccaagtgcg cagatttaac acagtagcga ctatttgcac 60
 ttacaggact tttcaacaat ctgaaaaaag atcaactgtt gaagatctgt aggtatgtta 120
 caaaaaccac tggagttctt gtacaacagt atgcgttctc agcaaaacca acaccaggag 180
 atccgcatgg caactgagta accgatccac tcccgcgaac ccaggggcag gtctccgtga 240
 gctctaagct gtcttatata aaagttaagg caaagtcatt ttcaagttta aataaaattc 300
 aagtctttta atattggatg gaaataattt ttttccttag aaaaaaaaaa agaaaaaaga 360
 aacaaaaaca accttcagtc tcatataata gcattttgtg gaataagctg tatggttaca 420
 tatagcagga aatagtttaa tgtctgctgc ttagaatact taaagaaaaa tcttaggcgt 480

tttaaaacaa aataatttat ctgtaacttt attatgaact tgctaacttg actgcactct	540
cgtctctcag aagtgccgct tctgacaatc tagga	575

<210> 256
 <211> 588
 <212> DNA
 <213> Murine

<400> 256			
ggaattcccg gctcgagcgc cgcttttttt ttttttttta aatgccatag cagtagtagt	60		
tgggtctggt ggtggcacac acttttaatt ccagcgcttg aaaggcagag acaggaggat	120		
ctcttgagtt taaggctagt ctggctctata ggctgcaag gacttgaggg gaaataaaag	180		
gtcactacaa gccatttctt attttaacca atagcattaa attgtgccta tagtgattct	240		
tagttgagac attgttcaga atgacttcat tctgtatgct tttgcctatg tctgtgttgt	300		
atgcattaaa tattttgagt gacaatcttt tagtaattat attttttcca cagaataata	360		
aaatatagga atcttaagca gtgtatgtaa caatattttc cttgacgtag acagcacata	420		
cttttaaaat acaacttagg caagcaaaaca cttttgtact taataattta atgaatagaa	480		
gttagttttg tttttagtct taagggtgaa aaggtaactc aggctttaaa gcaagacmgc	540		
accaagtgcg agctgtgatg tscagcagct gtaactcttc cccacccc	588		

<210> 257
 <211> 205
 <212> DNA
 <213> Murine

<400> 257			
ggcgcggtt ctttatcact gataagttgg tggacatatt atgtttatca gtgataaagt	60		
gtcaagcatg acaaagttgc agccgaatac agtgatccgt gccctggac ctgttgaacg	120		
aggctggcgt agacggctctg acgacacgca aactggcgga acggttgggg gttcagcagc	180		
cggcgcttta ctggccttca ggaac	205		

<210> 258
 <211> 249
 <212> DNA
 <213> Murine

<400> 258			
ggaattcgtc gagcggcgct tttttttttt tttttttttt ttttaacata agcaggcatg	60		
gtggctcagg cctgtaatcc cagaatgtgg ggctgcaata gcatgtcact gtgactttvv	120		
vccatttca aaaatccact taaacatcc ccaaaacgag tgtgagagag gattacagat	180		
aactaagtaa aaaatgtcag tggtcaccgt tatctattcc tgggtcagaa gcggcacatg	240		
catgaaggc	249		

<210> 259
 <211> 389
 <212> DNA
 <213> Murine

<400> 259			
ggaattccaa cggttgaaaa cttctggatt agagatttag agctgtgctt ctggcaactg	60		
tggtcttcca tgggtgactt ccagctaaac agcactgatt cttgtccctg tcatgtcaga	120		
tactgcaggg tactcactca ccacagtaaa gtcactgctt caaaaccact cacagctact	180		
caaaggcaac ggcaaacaag ccccaaacat ctcatggcta tattaacctg gaattctgtc	240		
acgtcaggag cattcttata gacaaaacaa tgtaaaactt aggatttaac aacacagtac	300		
tggtgtcacg cccagaatct taccatcat cccagaagag accagcacca agggtcagag	360		

gatggaattt kccatacaag atgagggac

389

<210> 260
<211> 228
<212> DNA
<213> Murine

<400> 260

ggaattcccg	atgctgcttg	gaagccttgg	ctgaaacvct	accacagcca	gacctacggc	60
aacgggtcca	aatgtgatct	caacgggaag	ccccgagaag	ctgaagtctg	gttctctgtg	120
gacgagggtg	cvggcatatc	tggggactac	attgaccgag	tagatgaacc	cgtctctctg	180
cctacgtact	gaccattcsc	acgtcaagvc	tctgccgcac	cctctcct		228

<210> 261
<211> 429
<212> DNA
<213> Murine

<400> 261

ggaattcggc	gcacaccttt	aatcttagca	cttggttaggc	agaggcaggt	agattttctaa	60
gtttgatgcc	agcctgatct	acagagttag	ttccaggaca	gccagggtta	cacagagaaa	120
ccctgtctca	aaaaaacaaa	acaaaaaaca	aaacaaaaaa	aagtatgggc	aaaagagaag	180
aaaaatatcc	cggaaagaac	aatataaaga	atgatgttcc	ctttgactga	ggggctttgc	240
atattacagg	gataccggcc	tgagacagct	gcctcaagac	agggacagcg	agcctcctca	300
gagtcacttt	gttccaagtc	ccagagtcac	ccccatvyc	tcgatattgt	acctttaaca	360
cmkgttggtt	aatggccagg	catwtgacaa	accagggaaa	taagtctata	atgaggaaga	420
aattgttcc						429

<210> 262
<211> 493
<212> DNA
<213> Murine

<400> 262

ggaattcctt	ataattaatt	agaggtaaaa	ttacacatgc	aaacctccat	agaccgggtg	60
aaaatccctt	aaacattttac	ttaaaattta	aggagagggg	atcaagcaca	ttaaaatagc	120
ttaagacacc	ttgcctagcc	acacccccac	gggactcagc	agtataaat	attaagcaat	180
aaacgaaagt	ttgactaagt	tatacctctt	agggttggtt	aatttcgtgc	cagccaccgc	240
ggtcatacga	ttaacccaaa	ctaattatct	tcggcgtaaa	acgtgtcaac	tataaataaa	300
taaatagaat	taaaatccaa	cttatatgtg	aaaatttcatt	gttaggacct	aaacbcata	360
acgaaagtaa	ttctagtcat	ttataatacc	cgacagctaa	gacccaaact	gggattagat	420
accccactat	gcttagccat	aaacctaaat	aattaaattt	agcraaaact	atttgccmga	480
gaactactag	cca					493

<210> 263
<211> 370
<212> DNA
<213> Murine

<400> 263

ggaattcggg	ccaacacgca	ggattacatc	ttcttcagtt	cctagagtcc	tctagaagcc	60
tatagaacaa	gacggcaagc	tctctgggct	tgctctgggg	ttttgttctg	tgttttatgt	120
tgttcttggt	gtttttattaa	catcagtgtc	tcttaagatc	caggaccag	ggaggtcttt	180
tcacatacat	ataccaggac	tcttgggtac	tactgtcagt	cttggggaag	caggctcctc	240
catcggaac	caaattccatg	tagcactccg	aahccttggt	tagtcctatg	acctaaatag	300

ttaaacttca gaaaatggtt tcaacagatt tcystccgag tggttttgaa attgcatttg	360
tatttgctgt	370

<210> 264
 <211> 338
 <212> DNA
 <213> Murine

<400> 264	
ggaattcgtt tttggttttg ttttggtttg ttttggtttg ttggtttggt tgagaaaggg	60
tttctctggc tgtcctggaa ctactctgt agaccaggct ggccttgaa tcagaaatcc	120
gcctgcctyt cctcccaagt gctggaatta agcaccacca ctgcctggcc tccttttttc	180
ttctgaaggg ttttccctc ccttttccct ccatcacga ctgatctcta gcagcaattc	240
ttcttcccggt ttcttctgtt cctcttygga gaggatctca ccttctgaa gaaaggaggc	300
ctgcctctgc ctcccaagtg ctggaagaat tccaccac	338

<210> 265
 <211> 394
 <212> DNA
 <213> Murine

<400> 265	
ggaattcgaa gtctgaaggc atttttagaca ggagactgag aagtactgaa gaatggccta	60
tacagagttt agagcactag csgtagcgta caagactgag ttcrgttctc agcaccaaga	120
aataaagggtg tcagtsagag taggattatc aagctcttgc tcttgaccga gcacttgctc	180
cgaccaacac cagtgcacaa cacgtagctg ctgagccttg tggctgarcc ctteckckcc	240
cccattctct ccattctctg acttggtctg cttcttgaaa gcctggactt aagtcctaca	300
gattcttctc tgtgtcagct tctcttttgt cagagtgtcc tctgtgcttc tggctgcctc	360
cgttccccctc tcaatctcct ttctttcatg tttc	394

<210> 266
 <211> 442
 <212> DNA
 <213> Murine

<400> 266	
ggaattccta tagacacatc atgacaagca tgcccacagg gtactaagct tttcggctta	60
taaaaactag tgcctataac tgtgttgccct ggtccttagc agtcttctac atttgttaat	120
taagttaatg gaagggattt gcacccagct caacctccaa atgaaataat tttgttcaca	180
tatcttagca gcttctagca atcgagtcac aggagttgat tacagagcaa gcgctgtgtc	240
ttcatctctg tgcttctgcc cttaggtcca aaagaagagg atgagcggcc ttwggcttct	300
gcgcctgadc agccagccct tcwtmcagag gtggttaacca ggatgcagtt yccacagggtg	360
ggccatccct cttccagcct ggcagtcaca gccaggkgca gatgggawac aagaagtcac	420
agactgtgag gtcaacaata tg	442

<210> 267
 <211> 341
 <212> DNA
 <213> Murine

<400> 267	
ggaattccaa tgattttgca attacaacaa tcagtcttcc aatttttrcc gatgaaggga	60
ggaaaactttg gaggcaggat ctctggacct tatgggtgtg gaggccagta ctttctaaac	120
cacggaacca aggtggctat arcrgttcca gcagcagcag tagctatggc agtgcaggag	180
ttctaattac atacagccag gtaagtcttc ctttgtgtgt gtttdctaaa tgttataatt	240

gaacccagta	acccaaatgt	agctgagcag	tacaacatag	ttaacattat	aatttcagta	300
aaatggtgga	tgttaagtta	atatgcagtt	ccgccaaatt	t		341

<210> 268
 <211> 376
 <212> DNA
 <213> Murine

<400> 268						
ggaattcctg	agccagagcc	agaagacctc	aacactgtct	cagaagatgg	agacgccagc	60
ttagaagatc	tggaccctga	agcagacgaa	gctccacgat	ccatcttggg	gaagccagac	120
ttggattccc	aagatctgga	tcccatgtct	togagtttcg	acctcgatcc	tgatcctgac	180
gtgattggcc	cggtgccact	agttctcgac	ccaagcaatg	acacccccag	ccctgctgct	240
ccagatagtg	gattcccttc	cttctgggcc	tcaactgccac	ccccgaaaat	cttggggccac	300
cagtcacagc	gtgcttctct	cccctgccag	tccacctcgt	ccgttctctt	gtgctgattg	360
tgggcgagcc	ttccgt					376

<210> 269
 <211> 322
 <212> DNA
 <213> Murine

<400> 269						
ggaattcccc	gtcataggct	gggaggaagc	aacagcgaag	gtcaggaaca	gaggcaaaac	60
actttccacg	aattccccct	tcatctgcac	agcaacagtc	tactagcatg	gaagtcgagg	120
ctagggtgcat	tctgggtccat	ctacagtcgc	gttacctagt	tactccctct	ccccgccaca	180
cacacacaca	cagctgagat	gccggcaggt	aactgtttcc	taagacatat	gggtgtcatt	240
tgtgcacctc	aggcttgtcc	aggaacaccc	tatgtvgggc	tagacacatg	gggcactcac	300
actagcaaa	ggcctgtgat	tt				322

<210> 270
 <211> 387
 <212> DNA
 <213> Murine

<400> 270						
ggaattcgaa	ggacttgcca	cattcttcac	acttgtaggg	cttccctcct	aatgaatta	60
tctgatgatt	ttgaaatact	tctttcccca	caaagatggt	gccacattct	ttgcacgtat	120
agcattttcc	ccctggtgag	taagagttga	gaaatgatga	aaacactgcc	aaaatctgta	180
tatctatact	gatagttttt	taaaaacaac	atttactcct	atttgcattg	gtctgtatta	240
atgagatgct	atattcaatt	ttctgtacct	gtattcagtg	aactacaatt	taaaacacag	300
gataagtga	agtcacgtag	actcccttga	acaaagaaga	caatggcmac	atagaacaag	360
ggagggrata	gaatattaaa	taaaatc				387

<210> 271
 <211> 103
 <212> DNA
 <213> Murine

<400> 271						
ggaattcccc	gcacaatgga	aaaggagata	gaaagcrrrc	acctctgggg	aagaagcata	60
acctcttaaa	acagactaaa	tvgcagggcc	achctgtgaa	gat		103

<210> 272
 <211> 527

<212> DNA
<213> Murine

<400> 272

ggaattccaa	cttgtatttta	aaattcagtg	agcattgact	gtgtgccttc	tgtatacagt	60
taagaccagt	tttgggtgtgg	ctgccatgac	accagagggg	gttgggtggca	ttgggtggggg	120
gggtgcttag	taatgaggtc	agagcgactg	ataaggcaaa	agtaaaagaa	gcaaaactaa	180
gtatagagaa	ggggtaggca	ttcaaaccoc	agaggacctt	gatttaagtc	cccatattata	240
gagagtacca	tcttgagaga	ccttgcaaaag	ggctttgtgc	tgcgttcaaa	tgttattgtt	300
tctcttgtag	actggatgcc	ctcagcatcc	cgttaacttg	ccaatcatgt	ctctcagcta	360
tgctcatctc	agcccggtga	tagatagcct	accagctttc	ttctgtotgg	aacttgcccta	420
ctgagstgga	ccagtcatac	catcccagtt	cccactgact	actacttgcc	tctgcagtc	480
cccatggtag	tacttagcac	agatctatct	ttgtaatgtg	tttttaa		527

<210> 273
<211> 325
<212> DNA
<213> Murine

<400> 273

ggcgcggatt	ctttatcact	gataagttgg	tggacatatt	atgtttatca	gtgataaagt	60
gtcaagcatg	acaaagttgc	agccgaatac	agtgatccgt	gcgccttgga	cctgttgaaac	120
gaggtcggcg	tagacggtct	gacgacacgc	aaactggcgg	aacggttggg	gttcagcagc	180
cggcctttac	tggcacttca	ggaacaagcg	ggcgtctctc	gacgcactgg	ccgaagccat	240
gctggcggag	aatcatacgc	attcgtbccg	agagccgacg	acgactgggc	tcattttctga	300
tcgggaatcc	cgcagcttca	ggcag				325

<210> 274
<211> 431
<212> DNA
<213> Murine

<400> 274

gaattccccg	gctcgagcgg	ccgctttttt	tttttttttt	tttttcaaat	taatatacat	60
tattttatta	caaatttaaa	aaaaaacaaa	aaaatgcaac	atcctaaaaa	aaattttttac	120
tggtaatata	aattcctatg	aagttttttt	ttttgctagc	ataagaaatt	aaagaaacca	180
ttaaatattt	agaaacattc	aacatcaaaa	gcttttaaate	taactgtagt	tgtagccctt	240
gaaaaagcta	caaacctctc	ttaaaaagta	ttttctctac	aaagaatctc	atcagctata	300
caaaaatctg	tacagttttt	atactgavgc	taatgttgag	ctgcacttga	atttcacatt	360
cttagcaaaa	taattgcctg	agcaaatata	ctccacactt	taggacagcc	acttattctt	420
catcctcctc	t					431

<210> 275
<211> 419
<212> DNA
<213> Murine

<400> 275

ggaattccccg	gctcgagcgc	cgtttttttt	tttkgggggg	cttactccag	cgatgtctat	60
tagcagagac	atgggcccag	gaagggtgat	ggatacagcc	aggggtggga	tatcagcctc	120
aaagtgcaga	gctttgctct	gaatctcagc	aggcagccaa	agggactgag	acaaagctct	180
tcctttcaag	ttggcatggc	aatcaacttg	gaaatcaggt	tccccggggc	ttccttccta	240
acaaaggatc	cagcctcctc	caactgggtc	tccactcagc	ccctgtagaa	aagtbctgac	300
agtattaagt	tctactcttc	cctaagaccc	caggaggtcc	tcaccgtgca	tagatgtgcc	360
atctgttctt	gagaaaccaa	agcactttgt	agtcttacia	cccataatac	ttacagtat	419

<210> 276
 <211> 360
 <212> DNA
 <213> Murine

<400> 276
 ggaattcgct tgacaacctg caggcaggct ctgggaggcc gagacatcgg cgaagagaac 60
 agagagtcgg cggggacaga tctcaagacc agagaatggc aggtgaacag aaacctcaa 120
 gtaacctctt ggagcagttc attttattag ccaaagggtac cagtgggtca gccctcacca 180
 ctctcataag ccagggtgcta gaggtccttg gagtttatgt ttttggagaa ctgctggagt 240
 tggccaatgt tcaggagctt gcagaaggag ctaatgcgcg tatttgcagt hctgaacctg 300
 tttgcctatg gtacatcccc ggattacata gccaacragg agagcctgcc agaactgagt 360

<210> 277
 <211> 337
 <212> DNA
 <213> Murine

<400> 277
 gcgktaggcg agcagcgcct gcctgaagct gcgggcatte ccgatacagaa atgagcgcca 60
 gtcgtcgtcg gctctcggca ccgaatgcgt atgattctcc gccagcatgg cttgggccag 120
 tgcgtcgagc agcgcgccgt tgttcctgaa gtgccagtaa agcscgggt gctgaacccc 180
 caaccgttcg ccagtttgct tgtthgtcaga ccgtctaccc gacctcgttc aacaggcca 240
 gggcgyacgg atcactgtat tggtgcaac tttgtcatgc ttgacacttt atcactgata 300
 aacataatat gtccaccaac ttatcagtga taaagaa 337

<210> 278
 <211> 334
 <212> DNA
 <213> Murine

<400> 278
 gcggttaggcg agcagcgcct gcctgaagct gcgggcatte ccgatacagaa atgagcgcca 60
 gtcgtcgtcg gctctcggca ccgaatgcgt atgattctcc gccagcatgg cttcggccag 120
 tgcgtcgagc wgcgcccgt tgttcctgaa gtgccagtaa agckccgggt gctgaacccc 180
 caaccgttck ccagtttgct gtygtcagac cgtctccgac ctctgttcaac aggtccaggk 240
 cgcacvgatc actgtattcg gchgcaactt tgtcatgctt gacwchttat cactgataaa 300
 cataatatgt ccaccaactt atcagtata aaga 334

<210> 279
 <211> 419
 <212> DNA
 <213> Murine

<400> 279
 ggaattcccc ggctcgagcg gccgcttttt tttttttttt ttttaatttaa ataaataccc 60
 cgctcctccc tccaccgct taogttctcc ctcttccccg aacatcccac ccattcctgg 120
 ctagaccctt accccagAAC taaataaaat gcctgtttta cagcagacca cactcactac 180
 caaattcttg gaaaactata aatactgtca ctgtctgggc ctctctgcct tctgactctg 240
 ctccggaggc agccacattc cctccctccc gttgactggg caaggatggc agaggcctgt 300
 aggcaactgg ctthbgaggt gcaaatttag ccttgggttc tccacctcct gctcaggagt 360
 aggtcagaag ggccccagaa attccctcag actaaaataa atagcaaaat aaataccct 419

<210> 280
 <211> 141

<212> DNA
<213> Murine

<400> 280

ggaattcgca ggtcgccggc gagccgcgtc cggagcccgg cgcgagcvg gcctggggag	60
gcggaggcca caccctgcgc vcgcccaggc bcttcccggc ggtgaatcat ccccgagca	120
gcsgetcccc cagtccgtg c	141

<210> 281
<211> 150
<212> DNA
<213> Murine

<400> 281

ggcggattct ttatcactga taagttggtg gacatattat gtttatcagt gataaagtgt	60
caagcatgac aaagttgcvg ccgaatacvg tgatccsmc gccctggacc tgttgaacga	120
ggtcggcgta gacggtctga cgacacgcaa	150

<210> 282
<211> 265
<212> DNA
<213> Murine

<400> 282

gaatactttt atttagattt tattcataaa ttaagttgag agcvmttatt tgtaasghvg	60
ctctatttcc cttgtccttt cgtactggga gaaatcgtaa atagatagaa accgacctgg	120
attvmmmcgg tctgaactca gatcacgtag gactttaaam cgttgaacaa acgaaccatt	180
aatagcttct mcaccattgg grtgctctga tccmacatcg aggtcgtaam mcctaattgt	240
cgatatgamc tcttaaataag gatta	265

<210> 283
<211> 362
<212> DNA
<213> Murine

<400> 283

ggaattccgg agtctccatg ctatgtccca ggtgattcct ccacagtaaa acggggagac	60
ctctgggttg gagagtcagc gctggtcact cttcattcac ttgcagggag cctcaagggt	120
aacagagctg ggcttctgtg agcagcatgg cctggaatgg ggtttggcat ggtcagcgta	180
agatggtcga gaaggtggat ctaaggaccc ttcctagcat ggggcaggaa aatagagggtg	240
gctccaactg ggccttgagg ccctagaggg ttaagtgcgb tctcacagga accaaggcca	300
agycgtgggc acagttdaga gacattccac aaaccctgat ccaatgawtc aagctataag	360
cc	362

<210> 284
<211> 392
<212> DNA
<213> Murine

<400> 284

ggaattccac kachagggga cttgttggtg gtccctttct atctgaatct catactcaga	60
cacgtccca ctgctcccc gatctgagtg cccctcttcc tgcaagcggc tccgaagggc	120
tttggtgggg gttgtctcca tccgaagatc actgctgact ggaggctgcc gtacctgagg	180
gcagtacgga ggggagattt caacaggatt ggtgaagaag ctgccatctt tccccathc	240
tggtgaaatc tccccttcta tctgaatctc atactcagac acgctccac tgctcccccg	300

atctgagtgc	ccctcttcct	gcaagcggct	ccgaagggct	ttgttggggg	ttgtctccat	360
ccgaggatca	ctgctgtccg	aacctcccc	gt			392

<210> 285
 <211> 382
 <212> DNA
 <213> Murine

<400> 285						
ggaattcgtg	tgctttgagc	tttactaaag	tttctttagt	gaatgtggct	gctcttgtat	60
ttggagcata	gatattcaga	attgagagtt	cctcttggag	gattttacct	ttgatgagaa	120
tgaagtgtcc	ctccttgtct	tttttgatga	ctttggggtt	gaagtcaatc	ttatcagata	180
ttaggatggc	tactcctgct	tgtttcttca	taccatttkc	ttggaaaatt	gttttccagc	240
ctttcattct	gaggtagtgt	ctatcttttt	cactgagatg	agttyctgta	agcagcaaaa	300
tgttgggtct	tgtttgtgta	gccagtttgt	tagtctatgt	ctttttattg	gcgagttgag	360
accattgatg	ttaagagata	ta				382

<210> 286
 <211> 258
 <212> DNA
 <213> Murine

<400> 286						
ggaattcccc	tccttgactt	cttctttccc	agctgggttc	gaggtctcag	cagacttggc	60
attgcccaca	ggcttctggg	gctcagcagg	ttgtkcggtt	gttacagggt	tcagggaccc	120
tgaaggctgt	kggttggeta	tgggtttcag	ggctctkgea	ggcttgggtg	tgccacagg	180
cttcagggtc	tcggtaggct	tbgcattacc	tatagggttc	bgggtctcag	caggcttkgc	240
attgcctacg	gttttcagg					258

<210> 287
 <211> 643
 <212> DNA
 <213> Murine

<400> 287						
ggaattcatt	gagatcgttc	aggaaactat	gcattttcaa	gccattatat	agtctgggca	60
agataagttc	ttattttcatt	tgtotaatac	tcatgttcaa	gggaggccct	ggttcagttc	120
gggcgcaggg	ctcgcagatt	acaccttaca	gcctctcatg	ttcagataac	tggcaacaaa	180
gcaataaaaa	gccgtccaac	ttgtcagtgc	gtagcagcaa	agcccttcat	gtgggcagga	240
caaagggtct	gctctcatta	gatgattagc	tcattcaggt	cacatctagg	tcacttccac	300
ctttgtctgg	attccaagg	tagccctcat	ctagggtgag	ggatggggcc	cctgtgaagt	360
cctcagagct	caccctggag	agttaagatg	ggcacaatga	gaaacaggag	agcagggtat	420
gttcctcacc	agagccagt	ttggcacact	ggctcaatct	caagagggtc	cccaaatgag	480
tcagatttat	agctgacatc	aaggacagcg	tcagagactc	tagtctgtga	aatcatcact	540
ctcaattgag	ggagaccaga	acctagggtg	ccaccagggt	aatgtcaatt	ccgatagaca	600
caggrtcggt	agccagtgtg	tgtagttagg	cttcggactg	ttg		643

<210> 288
 <211> 424
 <212> DNA
 <213> Murine

<400> 288						
ggaattctcg	agcggccgct	ttgtttgttt	ttccttgata	ttaagtagtg	acagttttct	60
ggatgcaaaa	ccacagacgc	atcgccttca	gtgcaacagt	cctgcgggat	gatcggcctt	120

ctccaggggg	atgttggett	ccaggcacat	tttcacaaag	tcctggataa	cactggcttt	180
ctctgtttgc	gcaggactgt	tgcactgaag	cgatgcgtct	gtggttttgc	atccagaaaa	240
ctgtcactac	ttaatatcaa	gggaaaacca	accaaccaac	caaaaacccg	actggaaatt	300
aagctgaaga	accttattca	gagacaaaat	ggaacgattt	gttgtaacag	caccacctgc	360
tcgaaatcgt	tctaagactg	ctttgtacgt	aamccctctg	gatcgagtca	ctgaatttgg	420
aggt						424

<210> 289
 <211> 309
 <212> DNA
 <213> Murine

<400> 289						
ggaattccag	tgggattcct	cagctccatg	atgcaatggt	tatctttttg	gtaaagaata	60
ttcaagtcct	gacatcatag	tagtaatgga	tattactcat	ggtatgctct	caagcccagc	120
atggcacatt	ctgtaccctc	tttatcactg	aagtaagcaa	tgggttttaa	aataacgttg	180
cttacacacc	cagagtacca	atgattcatt	aacaactgaa	caaatactgc	tctggactcc	240
aaaattatta	cagaatttta	tatacaggat	tttgaggcat	agggatattt	ccacccttag	300
tagaagtat						309

<210> 290
 <211> 325
 <212> DNA
 <213> Murine

<400> 290						
ggaattcggg	ttttaaggga	attaagtcta	tgttgatagt	acagggggaa	gaggatataa	60
aagtgaattt	atagttttcc	cagaccacaa	ggcattgttg	tgccttggtg	gccacctagg	120
tcaagaccag	gatctctctc	ctggggagcc	aacaggagcc	ttccaaaatt	atcagggaaa	180
gaggttttct	gtcctcaatc	cagcttggga	gagattttgt	tactgacaca	tgatccttcc	240
cccaccag	aatgaagtgt	tctgtgtgct	aacaatatag	gcttaaaaaa	aaaaaaaatc	300
bsgccgcbaa	tttccaccac	actgg				325

<210> 291
 <211> 390
 <212> DNA
 <213> Murine

<400> 291						
ggaattcatt	gaaccccatg	caattatagt	gggtacttca	ataccctctc	ctcaccaatg	60
gataggtcat	tataacagaa	actaaagaga	aaagcagtga	aactaataga	tgttataaac	120
cgaacaaatc	tgatatcaat	ggaatttttc	atcgcaaaaac	aaaagaatat	gccttcttct	180
cggcacctct	cagaaccttc	tccaaaactg	atcatataag	tcagcaggaa	gtaccaacag	240
gaacaccagg	agttctcagc	tgtgcatatc	tcagggaagt	aaagatcagt	gaagattcga	300
aaccattgca	cagctagctg	taccagcaag	actgcacagc	tagctatacc	agcmagacta	360
gctctgtccc	caccactcca	tggaatctta				390

<210> 292
 <211> 335
 <212> DNA
 <213> Murine

<400> 292						
ggaattcaaa	gaggcaaaca	tagaatcaaa	ctaagcagtg	ggttctttgc	aaacagttgc	60
cttcatatta	cctcagcagt	taaacgtttg	tgtggagtac	taaggtggtg	gtggagtgtg	120

ctttgttttag	ttcttttact	ggagtgggca	ccccactttg	tctctctoct	aaagccctac	180
tcactttgta	tcactgtagc	cagaccacaa	aggetgtatg	ttgcaatgta	tcaagtgaca	240
gttttagtta	aacataaata	ggcccattga	accctgccaa	acctgggtcat	atagatcaag	300
gtcaaggtaa	aataccaggt	ttctgtagta	ggggg			335

<210> 293
 <211> 369
 <212> DNA
 <213> Murine

<400> 293						
ggaattcccc	ggctagagcg	gccgctcgag	ccgggctcgag	cggccgcttt	tttttttttt	60
tttttcacgg	gaacagactt	tattagttca	cttgggtctt	ctctggtaag	gcatttgaag	120
ggttctctgg	cacccccctca	tttttttctt	ttttggcagc	agctgcagca	gcttttaagg	180
cccttttttg	cttcttcagc	ttttgcacct	cctggtaaag	ccgaatgcac	agagccttct	240
tggccaggaa	gcvgcgggtga	accttttggg	aaatgtcaga	ggggggtaag	gtatattcca	300
cccctagctc	cttgcattgc	ttttcgaaga	catcatagtt	gggtctgacg	aggattttga	360
gcaactttt						369

<210> 294
 <211> 394
 <212> DNA
 <213> Murine

<400> 294						
ggaattcatt	ttataattat	gaatcatgaa	tatctgtatt	tgccgatggg	ctcaggtgac	60
ccttgtagaa	gggtcgcttc	acccccaaag	ttctgtccac	aggttgaaaa	ccactgtgtt	120
ggagggtgct	gactgtaggg	caacaacctg	aggacaaaaa	aaagccttga	acatgtgttg	180
ttgctctggg	agctgtgtgc	tagctcatat	cttcgccagt	cctcccaacta	agcttggttg	240
gttcggggta	ccccctattt	atgggacyca	gggtaggggg	gaggcagtga	tggkgccagt	300
ctgctgcact	gcccagcag	tgaccgctcc	cttgatctgt	gctgactgtt	aagagtgaak	360
kkcttcagaa	agtagtactg	ccacagccac	caga			394

<210> 295
 <211> 536
 <212> DNA
 <213> Murine

<400> 295						
ggaattccgg	ctcgagcggc	cgtttttttt	tttttttttt	ttagttgcaa	gcagatcaca	60
aatcctctta	gatgtaagga	aagtgggtgt	tctggagagg	actcagatcc	tgaaaatgag	120
gaagtgagaa	tggcttttag	ccatttttgg	aaagtacagt	ctgtaatagt	ttaccttctg	180
gcccagagaa	ttcacattct	tctgcctgaa	caatgcagtt	aatttttttc	ttctacaaac	240
ccctatggta	tcagctggat	gtcaggggtt	taccatttaa	acctgatcca	gtcacagaaa	300
tggttgttta	ttgcagatga	tactcctcat	atgaaagaaa	acctatgaaa	caaaacaagt	360
tagcagctgc	ccatatattc	tacatatatt	gagagaagta	taagacagtg	tattaaacat	420
gagaaaaatg	gaaggcacac	agcagacact	gttctataca	gtttcaattg	aagtccaggg	480
tatatgttga	cagctgggtc	aactcctact	ctctgcagta	tyctccaaca	awcccc	536

<210> 296
 <211> 244
 <212> DNA
 <213> Murine

<400> 296

ggaattccaa	gaatgtacgc	cagaggaacg	ccacctgagt	ggtggggcag	gcgggggagg	60
ggaggtgccc	aggggtgctg	accccaggcc	agctctacct	ccactccagt	atccccatcct	120
gtcccgattt	gaacctaccc	aacccaacct	atcccaaccc	aagtgaagac	agagccttac	180
cttacagaaa	accacactgg	aagaagcaar	ccacttcagc	ccctgtttct	aatttaaact	240
aaat						244

<210> 297
 <211> 331
 <212> DNA
 <213> Murine

<400> 297						
ggaattcgtg	aaggtatgtg	acaacgttta	cctgactaaa	gcagctatca	gcttacaagt	60
tccctgcttc	cccagtcgat	ttggtgactt	tcattcttag	tgcttcgacc	cttttcctac	120
agcaagcaca	caacactgca	gttctttacc	ctgcaatcct	atgtatttgc	ttcaattttt	180
gttctccaca	tcctcaacta	tgcattattg	ggacagcaaa	aaaaaaaaag	aaaaagattc	240
tttcttctaa	gggagaagta	agtcacttag	ccttcactat	agaccacctg	ggcacagtgc	300
acaagaaacg	ccgagctcat	cctttttctg	t			331

<210> 298
 <211> 308
 <212> DNA
 <213> Murine

<400> 298						
ggaattcgtg	aagagtactg	ccttgctcct	tggcgtgtgc	atcggtcctg	ctctcacccg	60
cagcctgcgc	tctactgcct	gtccagtcct	actcctgacc	gacagcatca	tggctacgag	120
aggcactgtg	actgacttcc	ctggatttga	tggcagggct	gatgcagaag	tccttcggaa	180
ggccatgaaa	ggcttgggta	ccgatgagga	cagcatcctg	aacctgttga	catcccgaag	240
caatgctcag	cbccaggaac	ttgctcagga	gtttaagaac	tctgttttgg	caggacacct	300
gtggatga						308

<210> 299
 <211> 491
 <212> DNA
 <213> Murine

<400> 299						
gaattcccg	ctcagcgcc	cgcttttttt	ttttttttta	caaacccttg	tgctcagggc	60
tgactttcag	tagatcgag	cgaggagct	gctctgctac	gtacgaaacc	ccgaccaga	120
agcaggtcgt	ctacgaatgg	gttagcgcca	ggttccacac	gaacgtgcgt	tcaacgtgac	180
aggcgagagg	gcbgcctctt	cataattttc	aatctgttcc	acttgtcttt	cccatctgtc	240
taccatgtac	ttgtacatgt	agtcattggt	taggtgtggc	ttgtgacagg	tgggcctctg	300
ggtttcccat	gctcaaggca	agggaaactg	tcttacttaa	cagtgtgtgt	ctaaaaaat	360
ctggcttttt	tgagagtgc	gtatttaaaa	aacaaaactg	tactatcaat	ttctataaag	420
ttgttcgaga	atttatatgg	gtcccaaagt	tcctttctga	ctgaagtctg	cagtaaadcg	480
aattccacca	c					491

<210> 300
 <211> 465
 <212> DNA
 <213> Murine

<400> 300						
gaattccggc	tcgagcgcc	gctttttttt	tttttttttt	gattagctct	ggataatttt	60

ttatggggag	gggaaaaagg	catttgatat	cctgcctttc	ctacagcact	cagattaaaa	120
cacaggctta	aattaattct	gattgcttcc	ttttccttgt	tccttcctgc	agaggctgat	180
gggacagtgt	ccagggctgg	agagccacgt	gttctgtaga	tgataaataa	ctatgaacat	240
ttggtgctga	atTTTTTaca	cttgtctctt	gtggtgctat	tgtccggaga	cccttaggtg	300
gsccatgggt	gocctgccatg	cctcattccc	tcgaattcca	ccacactggc	ggccgctcga	360
gcctgcctct	agagggccca	attcgcccta	tagtgagtcg	tattacaatt	cactggccgt	420
cgTTTTTaaa	cgctcgtgact	gggaacaccc	tggcgttacc	caact		465

<210> 301
 <211> 413
 <212> DNA
 <213> Murine

<400> 301

gaattcccg	ctcgagcgac	cgctTTTTTT	TTTTTTTTTT	TTTTTTatga	aatgagttca	60
tattcaagt	tgactatgta	gtcaagtaca	tagttgaaca	tgagtagcct	catatcataa	120
aagtagtctt	ctatcattca	tatacagtat	atatcatttc	tatacactcc	tttgccttat	180
actgtgcctt	ggagatctta	agtcagtgtta	tcactcttaa	gtgtgtcagg	gtagttacct	240
acctcaggca	ttcaggttat	ttctagtttt	cagcacttwc	aaataccttt	agtkagtatc	300
tttgtgtgta	ctTTTTTcata	tgctgtgtaa	cagtttctta	agcaggactg	caaaaatgta	360
aattkctgct	tttcagctta	ggkcatctaa	cagatacact	ttccttcaaa	agc	413

<210> 302
 <211> 436
 <212> DNA
 <213> Murine

<400> 302

gaattcctca	gacctggagc	aggcgcgggc	tcagacttct	ggagaagaag	agctgcagct	60
gcagctggcc	ttggccatga	gtcgcggaaga	ggctgaaagg	ccagtccccc	cagcctccca	120
cagggatgag	gacctgcagc	tgacagctggc	tctgagcctg	agccggcaag	agcatgagaa	180
gggggtgaga	tcctggaagg	gagatgactc	tccagtggcc	aacggcgag	aacctgctgg	240
ccaacgtcgt	caacgggaca	gggagcctga	gagagaagag	agaaaggagg	aggagaagct	300
gaaaactagt	cagtcctcca	tcctggactt	gctgacatct	tcgcacctdc	cccggccctg	360
ccttccacca	ctgctctgct	gacccatggg	acatcccagg	tctcaggccg	aacacagagc	420
caagttvgct	cctctt					436

<210> 303
 <211> 484
 <212> DNA
 <213> Murine

<400> 303

gaattctttt	TTTTTTTTTT	TTTTTTTTTg	aggtgctgag	tcacactgtt	aactgcttta	60
ttgagattca	gggagatcct	ttccccaaga	gacaccacag	tgtgaaagg	acgctgcctc	120
ccgcccggtc	agtccatctg	tccatgcctt	catttgatca	aatgtgcacc	cactatccac	180
tggaacagc	ctccaacctg	ttcccatctt	ttttccctt	agttctgaaa	aataataata	240
ataatgacaa	caaagaaaag	aaaaccaaga	tgagtagtt	ctgagagatg	attgtacaga	300
cccaaagtgg	gacgcctgag	aatagaggga	acacttgaga	gtaaacctaa	ggccaaggag	360
agggtatgca	tggctcagaa	aacacgtact	ggggaagagc	ctgcttaatc	atgtgcatgt	420
tgggtgcaca	tgctctgct	gaaagaagac	aggacatcag	ctaggcagac	aactgtatcc	480
cata						484

<210> 304
 <211> 577

<212> DNA
<213> Murine

<400> 304

gaattccaca	ccttgtaagg	atggtataac	ctctgcctta	aacaagttca	agaaaaggag	60
gggcaaaaag	agcgcttgta	tgacagcttta	attatctggt	ccccctcacc	ccctgccttt	120
tgctgtgctc	ttagcccccag	gccaaaggct	aagactggaa	ctaaatttgc	ataactcacc	180
tcccacatag	gtgtccttgt	ccactcctct	tagccttcgt	gtatccggag	cagattttat	240
agctgtgcag	tcttactcca	ttgctacctt	agggaaaatc	tgtaggtta	aaaaattatt	300
tctgtcccat	ggctggattt	tcaaaaccaa	ctgtggaaat	aggctaata	gactggtaaa	360
gccaacccaga	acacccacac	gctattccca	aatcaaatgc	gttgtaaatt	gggcgaatct	420
tgtatttgta	gctgtctggt	aatgtgaggt	cagattttwa	gcattctatc	atcatgaaat	480
tgcaactgtca	ctttccatag	cagccgagag	aatgatagt	aggtaagga	gccataaccg	540
tagaaaatga	aggtgctcma	gggcataaat	gttctga			577

<210> 305
<211> 492
<212> DNA
<213> Murine

<400> 305

gaattcgcag	atgggcccaag	agcttcaagg	agaaatagtt	gtaataattg	cagatcagta	60
tggaatcag	atttcatcat	tttcacctga	ttccttatct	actttgtcga	ttactggaga	120
tgcccttgac	agctcaaaact	tgaaaatcac	cttgagggcc	aactcacaga	gcgtaagtgt	180
gcaaggcatc	aggtttactc	cagggcctcc	tggaaccaag	gatctgtgtt	ttacttggcg	240
agagttttct	gactttctgc	gcgtgcaact	ggttttctgga	cctccaacca	agctgctgct	300
tatggactgg	ccagagctga	aagagtccat	tcctgtgatt	aatggaagac	aattagagaa	360
ccctctcatt	gttcaacttt	gtgatcagtg	ggataatcct	gctttagtcc	caaacgttaa	420
aatatgtctc	ataaaagcaa	gcagcttaag	gctactacht	tcaaaccagc	agcataaaac	480
sgattccacc	ac					492

<210> 306
<211> 611
<212> DNA
<213> Murine

<400> 306

gaattcgaac	tctacaggac	aacccatttc	ctgagagggt	aggccagatg	gctctgggtg	60
actgagaatg	tcattccttg	aatgggggac	agaacggaga	gggggtggga	tttgtggaca	120
cattcacata	taagcatatg	caccccagca	acaaggctcc	taatagcctc	tccaggaagg	180
agacaccgac	ccctagattc	ctggagtgtg	taaacagccc	accctagag	ccctcatcca	240
gtccatttct	ccagctcgca	agacccggct	tccaacgtga	agtcaccagg	gcgtagaaag	300
tcctcctga	tattcacatg	acagattcct	tttcgaacgt	ggcactggag	tccccggtgg	360
gtccctggtg	ctgtttcagg	aggggattcc	cctcctctgt	ggcgaggggc	agtggattca	420
gagacacctc	gttcttcacc	tggatcaatt	cgggctctga	gctcggcatc	ttggttcgat	480
ccacgtaact	ctgaagcagt	ccagcccca	aagcatcacc	ttccacgttg	aggacagtac	540
aggacctgtc	cactagccag	tccacgccaa	gatcaaggag	atgtccttca	cagggcaggc	600
tgacttsttt	c					611

<210> 307
<211> 484
<212> DNA
<213> Murine

<400> 307

gaattcctcc	agtcgggttag	ccggaaaaaac	gggtgcttct	tgacatcctc	tgcacccctc	60
tcaccagctc	ccaggcgccg	ctcaggattt	ctccttagca	gccttctcat	tatggaaatg	120
gcttctgtag	ataagaacct	tggataacct	acttcgtcat	ttacaatact	gtcaaaaacc	180
tcttcttcat	catcaccagg	aaaggagac	tcgccgacga	gcattctcata	tatgagtaca	240
ccaaggcccc	accaatctac	agcccttggtg	tacgatgttt	ctgttaggac	ttctgggggc	300
aagaaactca	gggagtacca	caaaatgtgc	ttgtcctatc	tccatacccc	attccttctt	360
tgcaaagacc	aaaggtcagg	caattttcac	aaagccttct	gtatctagca	acaagtttat	420
ccaacttcaa	atctctataa	acaattttgt	gttcatgtaa	gtattgcaac	ccaagaacta	480
caca						484

<210> 308
 <211> 460
 <212> DNA
 <213> Murine

<400> 308

gaattcaacc	cggctcgagc	gccgcttttt	tttttttttt	ctaaggacct	tagaaaaata	60
aaaaaaaaat	tctgagtgcc	atcttttatca	tctcttcatg	tgtgtgtatg	agtgtgtgtg	120
agtgtgtgta	tgtgtgtgta	tgtgtgtgat	tgcatgtgtg	tgtgtgtgtg	gtatgtgtgt	180
tgtattgtat	atataccaga	ccatgaggta	ataggagaat	acactattct	cgccaagatt	240
tttatcttgt	ctaatacaagt	catgtttctg	gctagaacac	ctttcttgta	atcatttttaa	300
atgtagtcat	ttaaataaat	aatccaaaca	gaagtcctat	tagatccatg	tttctgttaa	360
atgattgcta	agccctaacc	tttcatttcc	cttcaggaaa	scatcaaaag	catggttatc	420
attcactcta	gaagcccggg	ttatcgtttt	aaagtcatca			460

<210> 309
 <211> 213
 <212> DNA
 <213> Murine

<400> 309

gaattcctgg	taagggaag	tcatacatgg	aactcggttc	ttcacggcat	gcttagaaac	60
actgcgttgt	ggagcttggt	tcgtgtttka	aggaattcta	acgcactaac	acataatgac	120
tctagccyta	kgatgcacag	gcaaaaagga	ggcctaagga	ctcacttaca	actgcaata	180
aaagcttkct	ccacttggtc	tccaggaatc	gcc			213

<210> 310
 <211> 207
 <212> DNA
 <213> Murine

<400> 310

gcgcggattc	tttatcaactg	ataagttggt	ggacatatta	tgtttatcag	tgataaagtg	60
tcaagcatga	caaagttgca	gccgaataca	gtgatccgtg	cygccctgga	cctgttgaaac	120
gaggtcggcg	tagacgggtct	gacgachcgc	aaactggcgg	aacggttggg	ggttcagchg	180
ccggcgcttt	actggcactt	cwgggtac				207

<210> 311
 <211> 285
 <212> DNA
 <213> Murine

<400> 311

gaattcgtca	agttggtctt	gaactcctga	gttcaaacaa	ccctgctgtg	gaatccacgg	60
tagctagacc	tacagatggc	atcaccaagg	tcagcttgaa	cacacagtta	aaaatcatta	120

accccaaact	gaccataatg	tatcaaagat	gggtaggaat	ttaatagcct	gtctttatgt	180
ttaaaaggtc	aaccaagtaa	caataatcaa	gatattctgaa	gaagtctgcc	aagagagctg	240
gtgcttctctg	taagctcaca	ggaagacgag	gagcttcaac	ccaaa		285

<210> 312
 <211> 457
 <212> DNA
 <213> Murine

<400> 312						
gaattcggtta	ttttcttaaaa	taaaaagaac	atctaaggac	tgagtcctat	atgcacttta	60
gagcattttct	acagcatgcg	attctaagag	taacccacc	caatatggca	aacaatcaaa	120
ttgttttaaaa	tttaacttag	aaagtctgag	atcattat	tcaaaacatt	gatttgtaca	180
ttgtttcata	cacaaataac	caactgacta	tccaagcaca	ggacagggca	cctctctgga	240
gaaaaaaaaat	ctctgacagc	aggggcagga	cggctagtgt	cacatgacta	caaacgtccc	300
tccaacttca	caggaaaccc	aaggaaagaa	cagaaagtgg	acagtgaggg	gacaggaggg	360
acaggagggg	gggaaavcag	ctygggagta	agtcmsctgc	ctgagcaagg	gaaggaagga	420
ctctgaccaa	gcattcggtg	scmatcctaa	catgtgc			457

<210> 313
 <211> 418
 <212> DNA
 <213> Murine

<400> 313						
gaattcgctc	tctcttggag	gtctgctcct	ttttgaagag	gaaacgggtg	agaggggtgtt	60
caataatgga	gaaaagagga	taggtgaagt	ggggggcatg	gggcatagct	aggaagactg	120
tagggaggaa	aaacaatgct	caggatat	tgtatgagag	agaaccgagg	cagtgggtgga	180
ggtcagggta	gtacaaatta	cggaaagagc	cagcgacgtg	gtggcatca	gaataactac	240
aagccatact	gagaggcagc	aggagcgccc	gagtgacgac	cgcacacgct	ttgtttggac	300
gcgggaatte	caccacactg	gcggccgctc	gagcatgcat	ctagagggcc	caattcgccc	360
tatagtgagt	cgtattacaa	ttcactgvcc	gwcgttttac	aacgtcgtga	ctgggaaa	418

<210> 314
 <211> 450
 <212> DNA
 <213> Murine

<400> 314						
gaattcctta	ttttcagatg	acagttttcc	tccttttggga	tcaactgctac	tgcggtgttt	60
tttagtaggc	aaagtaagtg	aatttaagat	acgattcttt	acaagtttgc	tggagccaaa	120
aaagggaaat	gaatttttat	cttttatggg	tccaggtcgg	tcataaaatg	ctgggtcagc	180
atcttcattg	atgtcaagga	aaaatgtgct	ggtaggagtg	ctgccgaagc	ggcgtcctc	240
cagcatgaac	atgcttgatg	gtgcagactc	actctcactg	ttatgtctag	agctggtcga	300
ctcagagttc	aagctgaggg	tgcttgggac	agatgagagc	tcattgcaga	gctgctccac	360
atcatctgga	accactggcc	atagahchth	cactgtsctt	acagaatccc	agctgtgaca	420
tttcaaaata	tcacagcctt	accttggttt				450

<210> 315
 <211> 555
 <212> DNA
 <213> Murine

<400> 315						
gaattccact	actctgccaa	ttaaaaaaga	tttgtttttg	caaaagttat	gtttggagaa	60

aaataaaaaa	gcttatggtc	cttgtattaa	gcaaaaataag	gtaggctcag	aaagatgggt	120
gctgttttct	cagatatatg	aaatccacac	ttaatagtat	aagattttta	gacgcagaag	180
gtactattca	tttagaaaag	ggaaagtaac	ctgtgggggc	cagtacagag	gacgaaatga	240
ggatgaacaa	gcttgaattc	cgaaataaaag	ctgtgtgtga	atgtcacaaa	ggttctatca	300
tactgaccaa	tgagtgtatg	ctaatacaag	ttagattcgt	taaaatgggt	tgagaaatca	360
ttgttgaaat	gttaatcaat	ctcatctgaa	gctccgtcta	gattttttatt	ttttatagaa	420
cttttataaa	ctcttccacc	tcaagtycca	aattggaaag	atttactcct	cctttcataa	480
gttycccaag	atgagataag	agcyatrcaa	wggtttggtt	gggaaattga	ggcatggaca	540
tcactacatg	ggctt					555

<210> 316
 <211> 172
 <212> DNA
 <213> Murine

<400> 316						
gaattcgcg	agaggaactc	tggtatcgat	ggtacaagaa	gagaccccat	gatcatcara	60
gacagacara	ggccagctgg	ttccagactg	gcttacaggk	aaaatccagc	tgctgcttgg	120
gcccctgatg	gtcgacccag	tagagggatg	gattcagggt	awcagccttc	cc	172

<210> 317
 <211> 355
 <212> DNA
 <213> Murine

<400> 317						
gaattottga	aattttaaaga	aaaaatttat	tgaagatctg	aaaaacaact	cctacaagat	60
tgacttttcc	ataaaaactgc	agctacacga	tgcattgctg	ctatcatgtt	aaaacgtgca	120
ttagacacaa	atacaaaacc	catgaaaaca	agccaccatt	ctttaacagt	tgagcaaaga	180
taagatgcct	aaggaatgac	atggatgact	tgcaaaggat	gggctcttta	agcaccatta	240
waaaaaaaaa	waagagcaca	gatggatgag	tgttcagtta	tatacactga	agtgaacctt	300
tggcactagg	aatcagagca	wttgtcataa	gaagcattwa	acacatatta	taaaa	355

<210> 318
 <211> 425
 <212> DNA
 <213> Murine

<400> 318						
gaattcaaaa	acctttaatg	agtaaaagac	agtgtagggt	ttgtgcccct	tgtccatgtg	60
ttgtccttat	tgtcacccct	cctatcagaa	ggtatttttg	atgcgggcvg	ccaccaggac	120
taggatttcc	ccaatcttcc	tctgccagtt	ggtgatatcc	ttggacacag	cacaccacag	180
ctctccatgt	cggggctctg	cattctcaca	gcgtttcttc	acctctcct	gttgctcctc	240
agttccatgc	tgcagttcaa	atttgtagaa	gaaggcccag	gcaccccccc	agatctgagt	300
caatcttcac	agtgcgatgg	aaccactccc	gavccytgg	gatctttctt	tactccaga	360
acaacttagc	cacagctaaa	agcacatgvg	gtcatgttca	cacttcttca	gggcatccac	420
actct						425

<210> 319
 <211> 251
 <212> DNA
 <213> Murine

<400> 319						
gaattcatgg	cgcatcccg	acccctggcg	cccggcgccg	cggccgcgta	cagcagcgcc	60

ccgggggagg	cgcccccgtc	cgccgcccgc	gccgcccgcg	ccgcccgtgc	tgcccgcgcc	120
gccgcccgtg	cccgcgtcgt	cgtcgggagg	gcccggggcg	gcggggcccs	cvgktgccga	180
ggccgccaaag	caagtgcagt	ccctgctcgg	cggcgggcaca	gagctcgtcg	ggggcccccg	240
gcgctgccct	a					251

<210> 320
 <211> 320
 <212> DNA
 <213> Murine

<400> 320						
gaattcgttt	ctgaaaaata	gctacagtgt	acttacatat	aatacataaa	tctttaagaa	60
aaaaaaaaaa	aaaggggaga	tttaaaagta	aaggcctgaa	tgtctgttca	actaactaaa	120
tttatagaaa	gcttcacagt	acaaagcaag	caactgactt	aagacttgca	cctaaggctg	180
gagagattgc	tcagagggtta	agaacactga	ctgctcttct	gcagggtcca	agttcaattc	240
ccagacaacc	acatagggtg	ctcacaacca	tctgtaaaca	agacctgatg	ccctcttctg	300
gtgaactgaa	gaaggctaca					320

<210> 321
 <211> 374
 <212> DNA
 <213> Murine

<400> 321						
gaattccggg	gcacctcttg	ctgaacagta	ggggacgggc	cagggtggcag	agtggccaga	60
ttggggggtg	aggccgtgga	ggaaggggtc	ccagctccag	ccccggggcc	aggactcacc	120
aggctttacc	acactctgac	actgctcaca	cctgggagtt	gcttctgaga	agatcttctc	180
tttcatccag	cccatcgtgt	attcttttct	gcaggagggtg	ttgacacagt	gtgatgtgta	240
gaagggtgcc	tgggcctcca	ccaggtcctg	gggtccagc	cccgcactc	gttcacagct	300
gtctatgttc	tgcgtgtagc	agcgcagcag	ctagccctt	htccttcagc	aggccggatg	360
aagtaattgg	caga					374

<210> 322
 <211> 208
 <212> DNA
 <213> Murine

<400> 322						
gaattcactt	acactgtcta	ttccctgaac	gaccagccgg	ggctccacct	gggcttcgag	60
gctgccatta	tgctgccac	aagtgcagc	cttccctggc	tacccaagg	caccaccga	120
gcaccctcag	gttcagctgt	gtcacacar	gggtgaatga	gcaccccgag	gsayccactt	180
ttgggttcta	ccactbcgat	tcccacca				208

<210> 323
 <211> 396
 <212> DNA
 <213> Murine

<400> 323						
gaattcggca	gacaaacagt	gaccagaacc	agtgccttaa	ggaaaacaac	ctctacaaac	60
cactgaagcc	acttgaaact	ctcggaagaa	tgtgctgggt	ttcccacaac	agcgacactt	120
cccagagagc	tactgacaag	gagccctcag	gacactgatg	tgcacctctg	gacttgctca	180
ctcaggcccc	tgagtcagag	cctgccataa	tatccatccc	taggcctgct	aacacacttc	240
caggataaca	gggagggaaat	gacattcaca	cgttaccttt	tgtgatctgc	hgccaccavc	300
tggttggtttg	gaggactcta	camcahhttt	ctttvcccag	agattgggga	agatcccact	360

aactttctgtg tagcaaagcg ggggctggtc ctggtt

396

<210> 324

<211> 585

<212> DNA

<213> Murine

<400> 324

gaattcctga	acagaggttc	tcagaacata	taaaagatga	aaagaacacg	gaatttcaac	60
agagggtcat	tctcaagaga	gatgatgcc	gtatggaccg	agatgataac	cagggtgaaga	120
atggaagagg	gtgggcctat	aaagagagaa	actgggaagg	gagaaggatt	tgggggaatg	180
gaaaaaattg	aaaatatctt	aaaatggaaa	actacacagc	gctgttctcc	tgagttgttg	240
gggcttccca	ctgaggactg	gctacagttg	ccgtgctcaa	ggccccagag	agacaggggtg	300
ctgagggtctc	atttggccca	cagctcttta	ggtttgccctc	taacttgtaa	ctacgtttca	360
ttttggacaa	acaagggtttc	tccctgtgtc	agccttgatg	tagctgactt	cagtgtcatc	420
tctttgtctc	acccctccct	gtcttgacga	atttacactg	ggagctacca	aaataaccaa	480
aagttacttt	atcccatctt	cactcttcta	gccaagggct	ggccttaaaah	gcaaagttat	540
ggtctaattt	aaccagttac	agaggtgtgt	ctttgatccc	ctttg		585

<210> 325

<211> 389

<212> DNA

<213> Murine

<400> 325

gcgcggattc	tttatcactg	ataagttggt	ggacatatta	tgtttatcag	tgataaagtg	60
tcaagcatga	caaagttgca	gccgaatata	gtgatccgtg	ccgccctgga	cctgttgaaac	120
gaggtcggcg	tagacggtct	gacgacacgc	aaactggcgg	aacgggtggg	ggttcagcag	180
ccggcgcttt	actggcactt	caggaacaag	cgggcgctgc	tcgacgcact	ggccgaagcc	240
atgctggcgg	agaatcatac	gcattcgggtg	ccgagagccg	acgacgactg	gcgctcattt	300
ctgatcggga	atgcccgag	cttcaggcag	setgctcgcc	tacmgccagc	acactggcgg	360
hhchcgagca	tgcactctaga	gggcccac				389

<210> 326

<211> 375

<212> DNA

<213> Murine

<400> 326

gaattccttg	cactatgcgg	ctgctcgkkk	ccacgccaca	tggctgaatg	aattgctoca	60
gattgccctt	tctgaagaag	actgctgtct	caaagacaac	cagggataca	cgccactgca	120
ctgggcgtgt	tacaatggta	atgaaaactg	catagaggta	cttttggagc	aaaaatgttt	180
tcgaaaattt	attggtaatc	ccttcactcc	actgcactgt	gcaataataa	atggtaacga	240
gagctgtgca	tcattgctcc	tggkggccat	agatcccagc	attgtcagct	gcagggatga	300
caaaggcagg	acaaccctcc	actkggcagc	ctttggagat	catgaggagt	gcttgcagct	360
gcttctgaga	catga					375

<210> 327

<211> 532

<212> DNA

<213> Murine

<400> 327

gaattcggaa	aatgaaagag	ccttcctgtc	ttcaacatat	ttttgtttga	gcttgatgtc	60
tgccaaccaa	gtactcatag	tagtatcagt	atcactgtta	gtatccacat	cagtatctta	120

attccatgac	ttttcactcc	acccaactat	ggctcctoga	ttttottggt	taagctttct	180
gaattttctt	ccagtctgaa	atgctaata	tgccctcaga	ctccttccct	cttgccacat	240
ctccctcttt	tttgaactcg	tctccccctc	tgtgttcata	cccatcatac	tttgctaatt	300
gctactttct	tgtcttaatc	ataacattct	tcttcagtct	ttaaacaaga	tctgtcccag	360
agtctaaatt	tagccatttt	cactctctgt	gtgtccatt	tgggctttga	attaaagttc	420
tgagttcact	ggctttcatg	agggggaggg	tcacagaata	aagtttccag	tgtgttgctc	480
ttgaaaggag	atctcccata	ttcaaatacm	cttctcccta	aatattctgt	ta	532

<210> 328
 <211> 314
 <212> DNA
 <213> Murine

<400> 328						
gaattcacgg	atttaacagg	aatagaatgg	cacaagggtt	aatcaccagg	gaaataaagc	60
aatcacaact	gcggtcggg	cgctgcggcc	ctgctcacac	cgacagaact	gcggtacac	120
agagattgga	aaaccgctac	acgcgcctgc	ccctacctgc	gcccacggcc	atgcgcccc	180
acctgaacta	aggcagaggc	aagcatcccg	gagacttcac	cccacaacct	tctgagtctt	240
agtcttcvtt	ctgtgtactg	tgacaatgta	tgaatcaact	cttctcaatt	cacttgagtc	300
caagtcgtaa	ctga					314

<210> 329
 <211> 342
 <212> DNA
 <213> Murine

<400> 329						
gaattcgcg	actgacaggc	cactgtrcac	gtgtggaggt	cagagggtcaa	tgatagaarc	60
cctctccttc	accacatagg	tcttggaggt	taaactcagg	ttgttagact	tggcaacaag	120
ccctttgtcc	tgtgtgarcca	tctcactgcm	ccrccacct	ttwctgagag	aggctcttca	180
ctatcctaac	ctaggttacc	ctggaaactta	tgatgcaccc	aggtgctagt	gttcacaact	240
gggaggaaaa	cctcaaatta	gggttatgtg	aactgtaaca	taaatttgta	attttaacta	300
cttdtttttc	ttactggggt	ttgatataaa	dcctcacttt	gt		342

<210> 330
 <211> 412
 <212> DNA
 <213> Murine

<400> 330						
gaattcgccc	cgactagtca	ctgttttagaa	agaaagaaga	aaggaaagac	ccagcaaacc	60
taagctagta	tgactatcca	tctaaaaaag	gctagggagt	tgtgtggtgt	ttgtgtgtat	120
gtttgtgtgt	gtgtgtatgt	gttttatgta	taagtcaagt	attcacaaat	cttttcacac	180
tagctgccat	aaaaagacac	agacattaca	caaaaccata	ttgcttttca	tatgcactct	240
ctgcagttcc	tagctcaggc	tcaaagacag	cccacaaaag	agtaaaagga	acatgttgga	300
aacagaagtt	ggggaagtcg	gagaacctct	gcagactkga	ggtcgaacat	ggagacacag	360
acctcacaga	aacacactgg	ccagctcctc	artkcacaag	tctkcctaag	ct	412

<210> 331
 <211> 275
 <212> DNA
 <213> Murine

<400> 331						
gaattccaag	agtattagac	atthttggaag	attattgcat	gtggagaaat	tatgagtact	60

gcaggttgga	tggacagaca	ccccatgatg	agagacaagt	aagtatgaaa	gggtgggaag	120
ttaaaaagtg	aagtaagaac	tttatttttt	atattccatt	agktgtacca	atttaataata	180
atgtttgtat	tgtattgcat	cagagtattt	gatttttttt	aaaaatatgt	attttctttt	240
aaaatttaaat	ttggtgtgat	agtgttttgc	cyaag			275

<210> 332
 <211> 397
 <212> DNA
 <213> Murine

<400> 332						
gaattccgcc	aagatggccg	aagtggagca	gaagaagaag	cgcaccttcc	gcaagttcac	60
ctaccgtggc	gtagacctcg	accaactgct	cgacatgtcc	tatgagcaac	tgatgcagct	120
gtacagcgcc	cgccagagga	ggcgccctgaa	ccgtggtctt	cggcggaagc	aacactcact	180
gctcaagcgc	ttgagaaagg	ccaaaaagga	ggcaccaccc	atggagaagc	ctgaggtggt	240
gaagacgcac	ctgaggggaca	tgatcatcct	gccggagatg	gtgggtagca	tggtgggcgt	300
gtacmacggc	aagaccttca	accaggtgga	gatcaaacca	gagatgates	gccactacct	360
gggcgagttc	tccatcacct	acaaacccgt	gaagcac			397

<210> 333
 <211> 405
 <212> DNA
 <213> Murine

<400> 333						
gaattctgga	gaagtgggag	gtgtactgta	cggggagggg	ccaggggaag	aagagggggg	60
tggaagtaaa	gaagggagga	aaggcaggag	ggggagagag	agatgttact	gctttctttt	120
cagcacatat	aaaacaaagg	actaaagaaa	cgcataattt	aaatccagtt	tctatatatt	180
caccctaatt	acttccaaac	ctacttgtaa	aaatccatct	tcagcaaagt	aatttggttg	240
gaaaatggcc	aggcattccat	acacagaaaag	gttctccatc	accataaatt	aactcatggt	300
atgctgaatt	aattgttgaa	aattactaga	aaatatgttc	acaaacctgg	caaattcaga	360
ctatgtcaca	cacaaataact	cctttctttt	tccctcctcc	tccct		405

<210> 334
 <211> 300
 <212> DNA
 <213> Murine

<400> 334						
gaattcggaa	tggtaccgca	ccgcatgctc	tccctgcagc	ctttcttgca	cactggcatg	60
ctgggtctagg	agccgctatc	tatcctctcc	acaatgcctg	chgcctcct	cmovcagttg	120
acaagccaag	ccgccactag	cttcattcacc	aachcgctct	cctccaccat	cctggaaccc	180
tttcccagct	tcaccaccac	atccgtatmm	ctccttcttc	ctagcttccct	ccaccgaacc	240
gcactctttc	ctgggctatc	ttcaccatgc	actgctgctg	chgcctcctca	gtccttcccta	300

<210> 335
 <211> 357
 <212> DNA
 <213> Murine

<400> 335						
gaattcgttg	gcgaatcatt	atctcttccct	ctcgtctacg	ccgttccctcc	tcttgccctca	60
actgcatttc	tttacgtttc	tgcattttctt	gactgtgaag	ttcctccatg	cccttaattc	120
ttcctggcgt	ctcatcagat	cttkgcgcaa	aagatttgct	tggtgttcat	ggtaagcatc	180
ttccatttca	ctttccaatt	tgtcttttagc	atccttccatg	tttttttcaa	cttggtccct	240

ttgctgtttt	tccatttcat	ccaaggactt	ccatygttga	gaatattcac	tcaaagtgc	300
catgctgagc	aaaacgaggt	ggtgtttctc	tctccttttg	atacattgga	ttcttct	357

<210> 336
 <211> 427
 <212> DNA
 <213> Murine

<400> 336						
gaattcttcc	catgcacatg	caactctatg	gagacgctct	cccttgcacc	ttcgtaggct	60
ctgtgtgtcc	tcaggtcgcg	tggtgagcgt	ctcgtacctt	cagagccatt	tcacagctcc	120
acaaactcag	tttaaaacag	cagcaccgct	tctactctat	gcttcgggtc	aagtgaggaa	180
gtgaggcagg	tacaattgcg	tcattcacac	ggctctagtc	aggtagctgg	agcagagagg	240
atggagaaca	ggctcatggg	catctctctg	tgctgagtat	cctgggctct	tttcacaag	300
gtctctccca	taacaaaatg	agccctggac	agctacaggt	gtcatacccc	agtgccgcac	360
tccaacaact	tcacagcttg	ctagaactcm	gaaatcaata	aatcagaatt	cagagcctca	420
ttcctct						427

<210> 337
 <211> 424
 <212> DNA
 <213> Murine

<400> 337						
gaattctttc	tcagctgtaa	ctgatggctg	cgtctgaagc	ctttactcta	atggtgctta	60
tgtctgtgtg	ggttgcaccc	attctatagg	gctaggtgga	attgacgttt	gttcttacgg	120
tgttttgtct	acttcattgt	actgtgacat	gcttgaataa	gggagggagc	gaatggatta	180
cttacctgtc	aggatgccaa	gagcacctgt	gtggtctgtc	agcctggacc	tcagttagct	240
gcggtaaagc	ggttggcaac	ctcaggtcca	acccatctgt	gaggtcaatg	catcttggaa	300
aacagaaagt	gacctggcag	catattcctt	atgtttagta	ctgttttgtg	tttagtttgt	360
tgttgtcctt	tgagacaggg	tctctttaag	tagccctgdc	ctsgccgtga	aatccacaga	420
gaac						424

<210> 338
 <211> 389
 <212> DNA
 <213> Murine

<400> 338						
gaattccaca	attatctcat	caataattac	cctatattatc	ttatttcaac	taaaagtctc	60
atcacaaca	ttcccactgg	caccttcacc	aaaatcaacta	acaaccataa	aagtaaaaaac	120
cccttgagaa	ttaaaatgaa	cgaaaatcta	tttctctcatt	cattacccca	acaataatag	180
gattcccaat	cgttgtagcc	atcattatat	ttccttcaat	cctattccca	tcctcaaawg	240
cctaatacaac	aaccgtctcc	attctttcca	acactgacta	gttaaaactta	ttatcaaaca	300
aataatgcta	atccacacac	caaaaggacg	aacatgawch	ctaathattg	tttcctaat	360
catatttatt	ggatcaacaa	atctcctag				389

<210> 339
 <211> 388
 <212> DNA
 <213> Murine

<400> 339						
gaattctttt	tggtcttcta	ggagggtataa	agttctttcc	aaacactgct	tctcttcttt	60
ctaaatctgc	aggatttcca	cttaaacctt	cattgggaga	tgttttcaac	ttggtgcaaa	120

tgccatagac	atctccatag	ctctcctgta	ttttccgtaa	tgcacccgtg	gatctgagct	180
ccatgagagc	tgcagctct	gtaagcgtaa	ttccaaagtc	tccatcatgg	ttagcttctt	240
tcaaagagtt	cttcacaccg	ctatacgcaa	ctgagttggt	ggccatgtcg	cccatcacaa	300
ggataattta	ttaggaggaa	aatgtttccc	agaagaatga	aattttcacc	ttgaatgtag	360
atttccaagc	tgaaaatctt	ttaaatat				388

<210> 340

<211> 230

<212> DNA

<213> Murine

<400> 340

gaattcccca	agcttggtgca	gaggccagga	ccaccttggt	ttcatgctct	tgactgctgg	60
gagcagtggg	agagctaaga	acagagtagg	ggcccsaggg	ctggatctag	cccagcccag	120
ggscaaaaag	gaaaagaggg	gagtdctccc	agctggtttt	ggcttggtga	aggcytgggc	180
tgggagttct	ygagaggcct	cctygctatc	ttagaccacy	ggktctttta		230

<210> 341

<211> 200

<212> DNA

<213> Murine

<400> 341

gaattcacat	atgcaaagag	actgaatgtg	gataccttga	ctttctcttg	ctcccgatct	60
ctgtgcctcc	tagtagagca	ccgcccact	gggcagccca	ggaaagagct	ggagacatca	120
gcccagtggg	cttctaggaa	gttgaaaaag	caaaataaaa	cattttcaga	gagcgtttcc	180
caaawchgcg	agcattctca					200

<210> 342

<211> 350

<212> DNA

<213> Murine

<400> 342

gaattccctt	acatcaaaaa	ttattttaagt	tgaccaagat	aaaaaactgt	ctctaaaagc	60
ttatatacat	tagaagtagc	aaaaataata	ataaaggaag	agattagaaa	acagccatca	120
aattcagaca	tctacaagaa	ttctccaaca	tctgctctct	tatctcggca	tttgcttcga	180
gcttttggtc	gagctttgaa	agctgcagag	ttatataaat	gcctttcaaa	acgagaaatc	240
ttcatgggtt	taagtgttgc	agcatcaagc	atcacagggg	ggtccaagct	caaatacttt	300
tcgaggratt	mmwtttgtct	gcaagtggta	ctgcatccct	gatccmagaa		350

<210> 343

<211> 376

<212> DNA

<213> Murine

<400> 343

gaattcgagg	ccgctttttt	tttttttttt	tttttttttt	tttttttttt	tttttactgt	60
taaaggattt	attgcagtaa	tacaacaaag	gttttagaaa	catctgtgtg	atcaacctga	120
cctggaagtt	tcagtcgcag	caaggggggt	ctgacgttgc	agctttccca	atgcacacct	180
gaacccccacc	caatgctgac	ccccatacca	tggttaagtta	cattttcttg	ttctacgtaa	240
gaccatgaac	agcccggtgt	gtgcctctga	gtgtctatta	gtattacctt	gttccaagaa	300
atcattttta	aatggaaaac	atgatcaact	tctatggctt	tcggttttaa	aaaaaaaaaa	360
caaawcacca	gcttca					376

<210> 344
 <211> 481
 <212> DNA
 <213> Murine

<400> 344
 gaattcgtcg tttttgctgt caccagcaac attgcctcgt ctaacatctt tgaccgacac 60
 gttctttaca ttgaagccca cattgtcccc aggaagagct tcaactcaaag cttcatgggtg 120
 catttcaaca gacttgactt cagttgttac attgactgga gcaaaggtaa ccaccatgcc 180
 aggcttgaga acaccagtct ccactcggcc cacagggaca gtgccaatgc ctccaatttt 240
 atagacatcc tggagggggca gtcgcagggg cttgtcagtt ggacgagttg gtggtaggat 300
 acaatccaaa gcttccagca gcgtgggtgcc actggcactg ccatctttgc gggactttcc 360
 atcccttgaa ccaaggcata ttagcacttg gctccagcat gttgtcacca ttccaaccag 420
 aaattggcac aaatgctact gtgtcagggg tgtagccaat tttottaatg taggtgctga 480
 c 481

<210> 345
 <211> 507
 <212> DNA
 <213> Murine

<400> 345
 gaattctttt aactgtatta ctgaatacct gaggtagttg agtaaaaatg cacgtttaat 60
 accctgccaa cagcggctgg cacttccctt aggttatcca tgttagtggt agagaaacag 120
 gagacaacag ctcttctatt ctaatggctt aatgttggtg tctctgaca attctacttt 180
 gatccaattt caacaattgg acttaggaac aatctagttt taaatttatt tgataaattt 240
 agtgaatgta ccatttatdc caattttctg cattatagag ggatattaag aaaaatttagc 300
 acgtttgtta tactttgata tcacaaggga agtgcagagt tctctttcct tacccttact 360
 tttgtttgtt tgggggtttt gtttttgttt ttatttttagc tgttttttgt gcatgatata 420
 agttwagatg ccctggatgt ttgattttgg atgacatgct atgtycttgt cagtgggtgg 480
 tcatttgcag taaatygtatt gaggaca 507

<210> 346
 <211> 429
 <212> DNA
 <213> Murine

<400> 346
 gaattctgga tattaatgag agactacggg tatcgagata tcaagagtag gaattaaatc 60
 atactcccaa taagagaaca tattcccaca acagaaatac tcattccctt aattgcaagg 120
 aagattttta ggagtgagt ctcaaactgt aatcttacca ccagcagctg taatgctgca 180
 aaaattctca ggttctacct agacctacta gatcagybct ggggggttagc taggcagcct 240
 gtgtgctaac aagtctctct ggggactcag gtacacaatg aagtttaaga aaagtgtttt 300
 tcaggttggg gatacagttc hgttgggaga atcttgcccta atatgttcaa ggccctgagt 360
 ttggttatca gcattacata agtgtgtgtt tgtacatgcc tgtcctcttt gggaggtagg 420
 agataaagg 429

<210> 347
 <211> 274
 <212> DNA
 <213> Murine

<400> 347
 ghcccccggc tagagcggt tttttttttt ttttttttgt tttttgaggc agggtttctc 60
 tgtatagccc tggctatcct ggaactcact ctgtagacca ggctggcctc gaactcagaa 120

atctgcctgc	ctcgcctccc	cagtctggga	ttaaaggcgt	gccaccact	gccagcttt	180
tttttttttt	tttaatcctt	tttatttttt	ttaatagcta	agtggtttga	ctggttttca	240
gtggtagacc	acgtggaaat	gagaatattt	atca			274

<210> 348
 <211> 287
 <212> DNA
 <213> Murine

<400> 348						
gaattccccg	gctcgagcgg	ccgctttttt	tttttttttt	tttcagaaag	ccagtttatt	60
tctaagactt	tgtcataaaa	cttttagcgg	gtaccaatag	ttacctgcca	tactcgacc	120
aagttgtctg	tatagccagc	aaacagagtc	tkgccatcag	cagaccatgc	caaagaggta	180
cactggggtg	gctctgcctt	ketgctgggtg	ctgataactt	cttcttcaat	tcactctaaa	240
tgatcttgcc	ctccaagtyc	cagatcttga	tgctgvgcc	tggcagc		287

<210> 349
 <211> 403
 <212> DNA
 <213> Murine

<400> 349						
gaattcgctc	tccttccctc	ggaacaacat	tagctacctg	gtgctctcca	tgatcagcat	60
ggggctcttc	tccatcgctc	ccctcattta	tggcagcatg	gagatgttcc	ctcgccacag	120
caactctacc	gccatggcaa	ggcctatcgc	ttcctgtttg	gtttttctgc	tgtctctgtc	180
atgtacctgg	tggttggtact	ggcagtccaa	gttcatgcct	ggcaactgta	ctacagcaaa	240
aaactcttag	actcttggtt	caccagcaca	caggagaaga	aacbgaaatg	aagcctgctt	300
gataaactgc	tctcgagggg	taaaacctag	gbctccatt	gagcagcgk	aaggagchg	360
tccagactct	ccatcgattg	tvgcactctg	gatgttkgvc	acc		403

<210> 350
 <211> 231
 <212> DNA
 <213> Murine

<400> 350						
gaattcgggt	accatcgta	agccaatcgt	ttatggcaat	gttgccaggt	actttggaaa	60
gaagagagaa	gaagacgggc	acactcacca	gtggactgtg	tacgtgaagc	cctacagaaa	120
csaggatatg	tcagcatatg	tgaagaagat	ccagtttaaa	ttacacgaaa	gctacggcaa	180
tcctctaaga	gtcgtcacca	agcctccata	tgaaatcaca	gaaacargat	g	231

<210> 351
 <211> 321
 <212> DNA
 <213> Murine

<400> 351						
gaattcggcc	atctggctta	ggtgccttac	actggttgca	ttcattttctc	caagagaagt	60
tcattgttctc	acatgtagga	ttaggacact	tccagtctcc	agctcgttgc	tgtcctccac	120
ctccaccacc	tccactgggg	aatcctcccc	ggccaccacc	accactgcca	cctcctccat	180
agcctccacg	gccatgggt	cctcctcgvc	ctcggcctcm	vccaccattt	ccaccacccc	240
gattgaagtc	agctcggcgg	gtagcaaatg	aaaactttaa	taggattccc	agagaattct	300
ttaccatcaa	aacmagtcga	t				321

<210> 352

<211> 319
 <212> DNA
 <213> Murine

<400> 352

gaattcggcg	gcgtttat	ggagcaaatt	cagctcccgg	agctggacgg	ttgaatgcag	60
gaggagttcc	accaattgct	ccaattcctt	ccattgttgc	agcttggcca	aaacgttcag	120
ttgttggtgg	ggtcaatcca	agggttccat	ctggcatcat	agtggcaggt	cctggaggag	180
ctggagtacc	aggtggcaca	ggagcagggg	gcacgcgcgc	tctattgttt	atgcccatag	240
cacctcccat	agccatttgg	cccatccgta	tctcttvttc	tctcgcacat	gggaagggtc	300
ccttgaatcc	ttccwgcgt					319

<210> 353
 <211> 286
 <212> DNA
 <213> Murine

<400> 353

gaattcttcc	atatttgtat	catgtagctg	tgcttttagc	ttttcatttt	cagctaaaat	60
ttgttcataa	agctttttga	agtcagttga	gtcatccttt	tctagcctgc	tactgtaagg	120
ttttctgtct	tctaagtaac	tgtatgaagc	agagcgaccc	agcaaggaat	cataccgatc	180
acttgatgat	gtggaactgc	tgatcacctt	ggaaacagaa	tccgtctaga	aagtaaaaaa	240
aaaaaaaaat	ttckgscckc	hcgadcgggg	aattccacca	cactgg		286

<210> 354
 <211> 379
 <212> DNA
 <213> Murine

<400> 354

gaattcccag	tttctggctg	ttataaataa	ggctgctatg	aacataactgg	agaatgtgtc	60
cttattgcaa	gttgaaacat	cttctgggta	tttgtccagg	agaggaattk	ctggatcttc	120
tggtgggtgt	ttttttccaa	ttttctgaag	aactgccagg	ctgatttcca	gagtgtttgt	180
attagcttgc	aatcccacca	acaatggagt	gtttcttttt	ctccacatcc	tcgccagcat	240
ctgctctcac	ctgagttttt	gahcttagac	attatgacyg	gtgtgaggtg	gaatctcagg	300
gttgttttta	hgtgcatttc	cytgataatt	aaggatgttg	acmtttcagg	tgcttctcag	360
ccattcagta	ttcgtcagg					379

<210> 355
 <211> 319
 <212> DNA
 <213> Murine

<400> 355

gaattcgaca	aacagtaaga	cttgactgga	atatctagtt	acagaatatc	ccagggaatt	60
ctttggtctt	atcattttta	ggaaaaagaa	aagcaacggc	aagcagaatt	acaggagaah	120
gaaatcgag	aaaaaaagt	ttaaagaatg	ttggaaaatg	caaaaaataa	acctcgtycg	180
ctgcaaagag	ctatggttac	tccagtggaa	acttacaggt	tggattttac	gtctgtgctt	240
acataaatat	ggtttgagca	agcaaatgat	atatatagaa	atgtataaaa	gtaatttttc	300
tttgaaatta	ttattttct					319

<210> 356
 <211> 104
 <212> DNA
 <213> Murine

<400> 356
gcgctagggcg agcgcgccctg cctgaagctg cgcattcccc atcagaaatg acccagtcgt 60
cgctcctctcg gcaccgaatc gtatgattct ccscagcat gctt 104

<210> 357
<211> 87
<212> DNA
<213> Murine

<400> 357
gcggtagggcg agcgcgccctg cctgaagct ggcattcccc gatcagaaat acccagtcgt 60
cgthtctctc cccgaatcgt atattct 87

<210> 358
<211> 260
<212> DNA
<213> Murine

<400> 358
gaattccgct gcctcaagct ggcttaagtc ctgctgagat tcagcaacta tggaaagaag 60
tgactggagt ccatagtatg gaagacaacg gcatcaagca tggagggcta gacctcacga 120
ctaacaattc ctctctgact acctctctca ccacgtccaa agcatctacc acccatcaca 180
catcattcca tagtgaacgg acagtcttca gttctgaatg caaggcggga cagctcatca 240
catgaggaga ctggggcctc 260

<210> 359
<211> 163
<212> DNA
<213> Murine

<400> 359
gaattccgag gccagcgccg cgggtggagaa gctagtttcc ggcgtgcggc aggccgccga 60
cttcgcccag cagtttctgt cctactcgga gagcgagaag caatggaaag mgcgcgatgga 120
gttcacacctg ccacctgcct gactaccgag acccaccgga cgg 163

<210> 360
<211> 552
<212> DNA
<213> Murine

<400> 360
gaattcgtac agtcaccaaa gtcacatttc agaggaaatc ttaatagatc ttctcacagc 60
caaaaatgca agaagcacac attttatagt tttaagtttg tatctcagag cctcagtcca 120
tacagaacaa agtcagccca acaaaatcag ttcaaggaaa acaaaagtta atttgcttgg 180
gcttcctagc taacacttgg ctattttccc actcaggtgg aggagtgtgt aattctgcca 240
gtgcccgga gctgagcacc caggctaaaa cacacaaaaa aacacaagtt aggtcctggt 300
gctgagaaaag ttacagtttag agcggaggct gctgacagcc tggagttcct ggaatgatca 360
caactccagc agcacacact tgacttacaa ttgrcagctc tgctctactc tggggtctga 420
aaaccccaga gaggcgcaaa gctgactcta agaggcaagg tctgtcttgc tgttgttcta 480
ttgccacgaa gagacaccat gaccaaggca actttgaaag catttaattt gggggtcat 540
ggatccaagg gg 552

<210> 361
<211> 434
<212> DNA

<213> Murine

<400> 361

gaattcctgg	aactcactct	gtagatgaag	actgtagcag	aactcagaga	cccacctgcc	60
totgcctctc	aagtactggg	actaaaggca	tgcagcacta	ttgcactgct	gagttttgtt	120
ttctttttct	ttcttttttt	tttttttttg	tttttcaaga	cagggtttct	ctttatagcc	180
ctggctgtcc	tggaactcac	ttttagtagc	aggctggcct	cgaactcaga	aatacgcttg	240
cctctgcctc	tgctctccga	gtgctgggat	taaaggcatt	cgccaccacg	cccggccttc	300
tttttttaag	attaaaagta	aattactttt	attaatttaa	agttatgtgt	gtgtttttct	360
ctaggtatgt	acataagaat	gcagatgccc	acacagggtc	gaggcatcag	atcctcctgg	420
agttaawgct	acaa					434

<210> 362

<211> 426

<212> DNA

<213> Murine

<400> 362

gaattctgag	tgagctgacc	caaggcccat	tgggctcaga	ccttgctgaa	tatgcttggt	60
gacacctaaa	cctgcgcgct	gttctcattt	tggaactgtg	tctggctttt	gcttttcctt	120
ccgcacagga	aactatcatg	aaattccttc	ctttgctttg	gtgccaaagc	ttcatctcat	180
ccattttctc	agcagccatt	tcttgagtgt	ctgcactgta	ctgggcctgg	ttaaaggcca	240
gggaaaaagc	agatgtttga	aaagaagcct	gcatacttcc	gtagaatgta	agatgtaact	300
cagagttgag	aaaagggagg	ggtgacattt	gtaacttttt	cccttgctgt	acagtctaca	360
ataaattata	ctacataaaa	ttctttaaca	gtattcatta	atgtagctga	cccattagga	420
tgga						426

<210> 363

<211> 452

<212> DNA

<213> Murine

<400> 363

gaattcgctc	caaccattct	ggtcaggaaa	gagtgtgagc	atgcttcctg	acaactgcta	60
gaaaaactgt	gagttgagta	cactgctcct	ctttattatg	gccccaaacct	ctgaccttcg	120
gtttcttttg	caaggaactg	aagaaagagc	tgagaccttt	cttattctgt	ggaatgtcag	180
aggaagatca	catgacaaa	gctgaacact	tttagctttg	ttgtgtacta	agtccagtgt	240
atcaaataag	aaaataaact	actctggctg	ctgtagggtg	ggagatgagt	atcatggatt	300
ctagacaaag	tgaccaactc	tctctcatat	acaaavcaca	ctctgggggr	ctcccaaagc	360
gatcttcctg	aaagctagac	ttctgttaag	taactccaac	aacacagtct	cttbggtgaa	420
tatgtaagtt	tttttaaaat	atttttaaga	ac			452

<210> 364

<211> 380

<212> DNA

<213> Murine

<400> 364

gaattcctgc	catttccagg	agattgctga	gcattcttcac	aaaaaccaga	actttccaag	60
tgctgagtag	gatcaccacc	taaataatac	tcttcttgct	caaattgctc	catagagtca	120
cagtacactt	cactatctga	atcacttggt	aaatgggtga	ttctgaagc	atcttctactg	180
ggatcttcat	ttctatcttg	gtgagcacag	acaatgggtg	tctgtctgct	gagagctctc	240
atctccaggc	ttttcatctt	cacvettctg	gtgcccggga	agaatcagta	tgaatgtcac	300
tctgtatatc	ctgaacaaag	ctacctttat	agccattgta	acaatgattt	ccaaattctt	360
atctctgatt	yoytcagctt					380

<210> 365
 <211> 308
 <212> DNA
 <213> Murine

<400> 365
 gaattcccg cgcgccctct taatcatggc ctcagttccg aaaaccaacw aaatagaacy 60
 gcggctccat tccattattc ctagctgcgg tatccaggcg gctcgggcct gctttgaaca 120
 ctctaatttt ttcaaagtaa wckcttcggg ccccgcgga cactcagcta agagcatcga 180
 gggggckccg agaggcaagg ggcggggack gkcgggtgact cgcctykckg hkgaccgcyc 240
 kctccccaag atccaactac gagcttttta actgcagcaa ctttaatatata cctattggwg 300
 ctggaatt 308

<210> 366
 <211> 479
 <212> DNA
 <213> Murine

<400> 366
 gaattcagac tttgtcataa aacttttagc gggtaaccaat agttacctgc catactcgca 60
 ccaagttgtc tgtatagcca gcaaacagag tctggccatc agcagaccat gccaaagagg 120
 tacactgggg tggtctctgcc ttgctgctgg tctgataaac ttcttgcttc aattcatcta 180
 caatgatctt gccctccaag tcccagatct tgatgctggg ccagtggcag cgcagagcca 240
 gtagcggttg gggctgaagc acaaggcatt gatgatgtcc ccaccatcta aagtgtagag 300
 gtgcttgctt tcattgagat cccacagcat agcctggcca tccttgcttc cagaagcaca 360
 gagggtacca tctggagaga cagtcactgt gttcaggtag ccagtktkkg ccaatgttgg 420
 ttgggtcttt agcttgcaagt tagccagatt ccacaccttg accagcttkk tcccatccg 479

<210> 367
 <211> 475
 <212> DNA
 <213> Murine

<400> 367
 gcgcggattc tttatcactg ataagttggt ggacatatta tgtttatcag tgataaagtg 60
 tcaagcatga caaagttgca gccgaataca gtgatccgtg ccgcccwga cctggtgaac 120
 gaggtcggcg tagacggctc gacgacacgc aaactggcgg aacggttggg ggttcagcag 180
 ccggcgcttt actggcactt caggaacaag cgggcgctgc tcgacgcact ggccgaagcc 240
 atgctggcgg agaatcatac gcattcgggtg ccgagagccg acgacgactg gcgctcattt 300
 ctgatcggga atcccgcagc ttcaggcagg cgctgctcgc ctaccgccag cacactggcg 360
 gcctcgagca tgcattctaga gggcccaatt cgccctatag tgagtcgtat tacaattcac 420
 tggccgtcgt tttacaacgt cgtgactggg aaaaccctgg cgttacccaa cttaa 475

<210> 368
 <211> 543
 <212> DNA
 <213> Murine

<400> 368
 gaattcatta actgtgctgt gataggatgt aggggggtgaa gtaagagggt aagcgctga 60
 tgccctggc tgctttggaa atggctgttg ctgagggtgc tggagctgtg atattaaaga 120
 gtccatcatg tcacctcta taggagaagg agggttatca tcctcattta cagatcttct 180
 ccgagcatct tgattgctat caacaaacat gttcaggaaa gtctttaatc ctggtgcagg 240
 atagaagcct tcaactaact tgctgttatc aaaaagacta taggcaccgt ccggtattgc 300
 cacgacgcct cgactacggc agtatatgtc aatgcagtag atgttctctga aggccagtct 360

gatgtgggtg gatgattgtg gtaaaatgga gaaacccygg taggcsgtgt tagttctctg	420
gtcaagccca acattggaac agtagggagt ttgttgatag catttaatgg tgcctgagta	480
tcaaacaaaa cctgtaataa ctgaccacat ttggtgtttt gtttgaacat ttcttgaagt	540
tga	543

<210> 369
 <211> 409
 <212> DNA
 <213> Murine

<400> 369	
gaattcggcg gaggcggcgg cgggcgaggc gggcgcgagc gagcgggacc cagacgcggg	60
ccgcgcgcgc ggcggctgcg ggttctgtcg ggccatctgc tgggcgcggc ccaggaggct	120
ccgagtacca atgagtgcaa agcgcggaga gccgcgtcgg cggccggggc gtcgcccgc	180
gctactcctg ccgcaccaga gtcgggcacc atccccaaga agcggcaaga agttatgaaa	240
tggaaatggat ggggctacaa tgattccaag ttcttattga ataagaaggg ccagggtgag	300
ctgactggga aaaggtagcc acttagtggc ttggttttac caactttgag agactggatc	360
caaaacaccc ttggagtagt ctggagcata aaactacctc taaaacatc	409

<210> 370
 <211> 139
 <212> DNA
 <213> Murine

<400> 370	
gaattcgaac atttgcctcag gtatgaggca ggggtgagaaa gctgggtgag cctgcatcta	60
caaactgagt gaattatttt chhtctgtgt gtgaatgtca gcatgacacc ctgagtagaa	120
sccagaccct gtcccctat	139

<210> 371
 <211> 382
 <212> DNA
 <213> Murine

<400> 371	
gaattcctca aatatctata taataattta caaccgttgt tgtggagata ggatctcact	60
acacagtgca cgatgccctc aaaattatgt agctgaggct agtcttagcc ttccaggcgc	120
tggggttaca gatatgtgct attacaacca ggcttggtt atactcttag tatgcaaca	180
tagtcttcat ttttttatat acctaatgca tgccattatg acaatacaca aaatcatgca	240
aagctatcac aaaattctgt agtagaaaca atttgattta tgccaactgt atgtctcaca	300
taactcaatt ctttctttta agaatgaagt cttcaatttc aagtgataat tctattaaaa	360
ctagaatcaa cacagtaaaa at	382

<210> 372
 <211> 319
 <212> DNA
 <213> Murine

<400> 372	
gaattcctgc tataataaacc taagctatta agtcacaaca gtttttagctt ttctttttat	60
aagagtttaa gattttatatt atttttatatt tatgtgtata agtattttgtc tgtgcatcat	120
gtacatgcct ggtgcccata aaggcaagaa ggggacactg gaattacatc cctgtaattg	180
aacaggggcc tctgtaagag cagacagtgc ttataattgt gaagtccat ctgttagvcc	240
ccagtttttg gttttcaaaa ggggtaactc taaaaaatat tataraacag aacatgctca	300
aaataaaatg ttggcaaaa	319

<210> 373
 <211> 261
 <212> DNA
 <213> Murine

<400> 373
 gaattc gatg tttcgtcagg agagatgagg taacaaacta ttgataacaa catagccata 60
 agagaccaat actgacttca agactcaaaa gaacacagac cctaaaatca cagctttcag 120
 gcagtgtgtt tctagaccac ggggcaactg tacmgcacia agcagcatgt gacaagaaac 180
 atcattgaca aggcagttct catgggggat ggagcaggct agtgggggtc ggggtcactg 240
 cyggaamct tcagaccgca t 261

<210> 374
 <211> 557
 <212> DNA
 <213> Murine

<400> 374
 gaattcgcgt cggacctgcg gagcccagga tgggtgttgc cagagagcgag cagttcctga 60
 cggagctgac caggctcttc cagaagtgcc gctcgtcggg cagcgtgttc atcaccctca 120
 agaaatatga cggtcgcacc aaacctatcc cgaggaagag ttctgtggag ggcctcgagc 180
 ctgcagaaaa caagtgtctg ttgagagcca cggatgggaa aaggaagatc agcaccgtgg 240
 tgagctccaa agaagtgaac aagtttcaga tggcctattc aaatctactg agagccaaca 300
 tggacgggct gaagaagagg gacaagaaga acaagagtaa gaagagcaaa ccagcacagt 360
 gacaggcgtt ggctgctacc aaccagctgc acaagtgcatt ttttctctctg tttgctgctt 420
 tcagcacctc tgtatgtaac tgtttccacg gaagggtcct ttaagagaga aggactggga 480
 tgggcatggg ctagtgtbgt taagacgcca kttttsattg tgcygtgtgg gctggatatt 540
 cttagattcc agccgta 557

<210> 375
 <211> 195
 <212> DNA
 <213> Murine

<400> 375
 gaattccatt ggcaatttct ttttccaatt ccataacttt attcatttcc aaagagagct 60
 ggttttcac aataggcaaa ctttgttctt gacgaatcag tctggccaca gaaatcataa 120
 aatccacata tgctgtgcaa gcctctttat atawtccagt gcaactcagac gcatgcccyc 180
 amgcatagtt acaac 195

<210> 376
 <211> 288
 <212> DNA
 <213> Murine

<400> 376
 gaattccttg agaattaaaa tgaacgaaaa tctattttsc tcattcatta cccaacaat 60
 aataggattc ccaatcgttg tagccatcat tatatttctt tcaatctat tccatctctc 120
 aaaacgccta atcaacaacc gtctccattc tttccaacac tgactagtta aacttattat 180
 caaacaata atgctaattc acacacaaaa agggacgaac atgaacccta ataattgttt 240
 ccctaattcat atttattgga tcaacaaatc tctaggcct tttaccac 288

<210> 377
 <211> 197
 <212> DNA

<213> Murine

<400> 377

gaattccttg	tgtgcctggt	cagctccata	cacccagcaa	ttcacctgta	agatctgtcc	60
tgctttggag	gccgtggagt	ggagtcttcc	tttttcagga	tgaaagaagt	tggtctctcc	120
taaagacaac	agtctcagac	aggtctcaag	attccctgtt	ctcacacttg	aatgggtcat	180
actgagatct	ttccgtc					197

<210> 378

<211> 229

<212> DNA

<213> Murine

<400> 378

gaattctgga	gttccgcagc	ttgaccacac	catttgccag	aggtgagaaa	gtggccgctg	60
aggtcttgct	gcttccctga	ggccgggttc	ttcacgagag	agcagtagtc	gttctcaagg	120
tggggagcga	aggggctgct	ggccccgctg	cggchcgcca	caggacagac	catcggaaga	180
gctgtyvgcc	tcagagttaa	gggatggctt	cttggggccc	aggcgggag		229

<210> 379

<211> 57

<212> DNA

<213> Murine

<400> 379

gaattcatgg	aactactcca	tcaataggca	aagtggcatt	gattttttatc	tcdattt	57
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<210> 380

<211> 356

<212> DNA

<213> Murine

<400> 380

gaattcccaa	aagtgaaata	agatgtccac	attaaaaaaaa	taaagcctac	aaaaaagttc	60
tggagctaaa	aaaattattc	atatggcaca	atgtgatctc	caaggtccaa	aatattgaaa	120
tgagatccgt	gtaagcatcc	tgtctgcttt	tcaatgcagc	actaacttta	ctgaggtgaa	180
atcacaaatt	agttcttcag	tcaacaagtg	gacacaaatg	tttttctaca	gttattaaaa	240
acaggagatc	aagttgaatg	tdccgaaatg	atttcttcag	ttggatattt	tagtatcttg	300
aagaaaatta	gtdaagggat	acttgtcgtt	tccatagcyt	gatagaccaa	aacaaa	356

<210> 381

<211> 371

<212> DNA

<213> Murine

<400> 381

gaattcgcac	gcaagcccta	tcataccaca	ggaaacagag	cacaagagaa	gtgtacagtg	60
gagtgggcat	scgtaaaaag	atggtgtttc	caagcagaag	tatatgcaa	grctttgcta	120
aacagaaact	gaacagatag	cttataccat	tagatcagat	tttgaagggt	tttaggatgc	180
atggagatgg	gccactaggg	ttgactatga	cggaggtcag	gtattatgtg	tttacttaag	240
attcctttct	dscgatgaga	atgcattctg	actccagcat	gcaccagggtg	cgttdctdc	300
ccagadctgg	gattgccaat	tccaagtgtk	cctagccttg	aggattgacc	ttggsctga	360
gcatagcctg	t					371

<210> 382

<211> 323
 <212> DNA
 <213> Murine

<400> 382
 gaattcwcgc tcwchcttcc tcagthcttt caaagtcaca ggaacctggc aatttccctt 60
 ttcattcccc ctcccacttc cctggtaagt hootctcgga atatcacaag agtttccaga 120
 hctggttcgg atcacctttc ctgtaattaa ttaattatga gaagaaacag acagtacaat 180
 agatctgata agatgtagca ttcttggtta gattaaacaa tacatttatc maayhgtatc 240
 agaacaaatt aacataatat ttaatcttat mmvcaccaat aaccacagga attgttattt 300
 ccaardggag agtcttggtta gaa 323

<210> 383
 <211> 379
 <212> DNA
 <213> Murine

<400> 383
 gaattctggt tatgtagcat ataaataata taaaattaaa cataaagaac ttagtatttt 60
 attgtaagtg aaaaaaataa aactagaatt gtcataattaa tggctctgca tatcaaataa 120
 ttttcaccaa gtctctgtaa tacatactaa cagcattaga cacagggaaa caatcaagat 180
 gatcaaattc ataacaaaaa actgtattgc taacattgta acattttata agagttaatt 240
 gaatagtgc caaagttctc ccttaaccct tccatctgat gactgtgaga ttgtttttta 300
 agtttgctgt aaaagaagac ttgccttggc cwmctatacc tycaaccaat ctatagaatt 360
 cagaggacca ggagggtac 379

<210> 384
 <211> 63
 <212> DNA
 <213> Murine

<400> 384
 gaattccaac agtttttgaag gtaattaaga gaaatcacaa acagttaatt ctgtcctcca 60
 aat 63

<210> 385
 <211> 193
 <212> DNA
 <213> Murine

<400> 385
 gaattctttt aatacaagtt attgtcgaag aaatcactgg agggagaaaa aaaaaatctt 60
 cttcawcca caacacttaa aaagtaacac atgaaaggag aaatctggta acaagcagga 120
 tagacttcat tctagtataa agaaataatg tttcaaaaca caatctaaag caggcttcca 180
 ttagcaaaga aat 193

<210> 386
 <211> 252
 <212> DNA
 <213> Murine

<400> 386
 gaattcgacg gccgtttttt tttttttttt ttttttttct ttttcttttc ttttctcttc 60
 tcttctctts tcttctcttc tcttctcttc ttttcttctt tcttctcttc ttgggttttt 120
 tcgagacagg gtttctttgt atagcctggc tgtctggact cactctgtag acaggbggct 180

caaactcaga aatctgctgc tctgctgttg agtgctggga taaaggcgtg ccacacactc	240
ggctgagayc tg	252

<210> 387
 <211> 103
 <212> DNA
 <213> Murine

<400> 387	
gaattcggac aacaactccc acaagaagaa catcttcgag aaacccttca ggctcgctac	60
gtgcgtgtcc ttccagtstc ctggcataac cgcatacccc tgc	103

<210> 388
 <211> 153
 <212> DNA
 <213> Murine

<400> 388	
gaattccaga tccattaca gatggttgtg agccaccatg tggttgttgg aaattgaact	60
caggacctct ggaagagcag tcagtgtct taaccatctc cccagcccat gtcttacatg	120
tttrtttaaa tgaggaacga tagtgtgts att	153

<210> 389
 <211> 337
 <212> DNA
 <213> Murine

<400> 389	
gcgttaggcg agcagcgcct gcctgaagct gcgggcattc cgcatacaga atgagcgcca	60
gtcgtcgtcg gctctcggca ccgaatgcgt atgattctcc gccagcatgg ctccggccag	120
tgcgtcgagc agcgcgcgct tgttcctgaa gtgccagtaa agcgcgcgct gctgaacccc	180
caaccgttcg ccagtttgcg tgygtcaga ccgtctcccg acctcgttca acaggtccag	240
ggcbgbacgg atcaactgtat tcgggtgcaa ctttgtcatg cttgacactt tatcactgat	300
aaacataata tgtccaccaa cttatcagtg ataaaga	337

<210> 390
 <211> 281
 <212> DNA
 <213> Murine

<400> 390	
gaattctttt tttttttttt tttaaagact tatttattat taaatataag gacactgtaa	60
ctgtcttttag acacaccaga agagggtgtc agatctcatt accaatgggt gtgagccacc	120
atgtggttgc tgggatttga actcagtatc ttcagaagag cagtcagtgc tcttaaccac	180
tgagccaact ctccagcccc ccaaaagaca gccagcatta cactgagctt agagccagcc	240
tggttatgta tcaagtctgt gtctcaaaat gaaaagtga a	281

<210> 391
 <211> 262
 <212> DNA
 <213> Murine

<400> 391	
gaattctttt aactccaatc tctgactttr ctcattgctt ctcagcttca aaatgcaagc	60
acagactaca gctaactgag aactggctcc actcaggggc tatggcgag gagccctgac	120

gcatgcctcc	gcvgetgccc	caggetctta	ccagcaggta	gtgetggcgg	tgttcagctg	180
ctgcctcatg	ctgggcaggc	tctkctgcct	gtgcaacatg	tctgacggaa	gttaaggcct	240
ccagtctaac	aaggtttctc	ac				262

<210> 392
 <211> 399
 <212> DNA
 <213> Murine

<400> 392						
gaattcgttt	tttttaaatg	ctttttgtaa	catcgctgca	ggaagcgggt	ttctttgttt	60
tcttttcttt	ctaagagaag	gtatctccct	ggtgcaatag	ctcggcaccg	cggcgggggg	120
cctctcgaca	caccccagcc	ctgggctcct	ctggcctcca	aatcattcag	gatggtgagg	180
gaggatggga	aggagggggg	agggggacag	gtaaatcgca	tctgcgcccc	cttctctctc	240
tacctccttt	tggagaacca	gccagcctgg	accactttct	ccatcttagg	acaacttgag	300
gctccttgct	ctcatctgtg	cttcagagaa	ttcctttccc	tcchgggttc	tgtctggttc	360
tcagcagggt	tcccaggcca	ctgtgcagtg	gcattctage			399

<210> 393
 <211> 632
 <212> DNA
 <213> Murine

<400> 393						
gaattcgggg	gagaaaagaga	gggagggaga	aagagagaga	gagagagaga	gagatcttgt	60
tctcctggca	caatatatac	tgttttataa	taagctaaaa	acttgttctg	gtattttatg	120
acatcaggga	aattctttcc	tctctaggca	gattgccaaa	aacaactaga	agctaaatgc	180
ctgtgccttc	tgcttctacg	acacaccact	cctgtctgtt	cagtttcaac	tagcgtcgct	240
ctaaaaggac	aaaaaaacttc	ttgtttttct	aaataaaaca	taaatggccc	agaatttgaa	300
ttgccgatct	taaaatttta	agtgactgaa	gattctatta	attctggcaa	taaaatcatt	360
aaaaacaaaa	caggttgcat	aagactttta	aacaattcat	tcacaggcat	gagaatttaa	420
ggtttctttt	aaaaatataaa	atgctaaaac	aataagtcta	acaggagaat	atgaataata	480
cmatattcta	agaaaaaaaac	ccacaaagac	aaacatgaca	tttcattcat	agctcattca	540
aataaaccaa	ggattaaacc	ttagttttta	cctgttaatt	ttcctttttr	ytttagtatg	600
tctgatgtcd	catgtacgrt	arccagaagg	cc			632

<210> 394
 <211> 376
 <212> DNA
 <213> Murine

<400> 394						
gaattcaccg	gctcgacggc	cgtttttttt	tttttttttt	tacataaaaa	gacttttattt	60
gcaggggagc	aggaatttaa	tcaaacaagc	caaatacccat	gtcgtcatcc	gactcctcgg	120
actcctcctt	cttctcatct	ttctttctct	ctgctgcagc	gggggcagaa	ccagcagcag	180
gtgctgcaga	gccaggggca	gcagaaacag	ccacagcccc	accagcaggc	acactggcca	240
gcttgccaac	accctgacga	tgacatcctc	aatgttcttt	ccattcagct	cactgatgac	300
cttggtgagc	cgatcatcgt	ccgcttcgat	gcccacctgt	ctagtatttt	cttgatgtct	360
ttggcactag	gagagg					376

<210> 395
 <211> 348
 <212> DNA
 <213> Murine

<400> 395

gaattcrgcc	gcttttdrtt	tttcattacg	gtaaacagga	atatattcar	atgctaatre	60
ctcctttgac	cagaaatgga	acatgctgaa	ggatgaagac	aaggatcttt	dvcctttgct	120
tgaggtacch	garctgggtga	cgttcagtta	ttctaacagt	gtcattcagt	cacagtcagt	180
gcctgaacca	gaatgtgtgt	gtgtggtaaa	aatatctgtc	ttcacaacag	tttctgggtgc	240
rttgtagaat	agcacataac	tgctttctrc	agtttgttct	ttgacagtat	aatgtatgtt	300
ggcatatatt	aacccaaatc	atctctccct	ctaacattgc	aacacccc		348

<210> 396

<211> 468

<212> DNA

<213> Murine

<400> 396

gaattcgcac	ttttgatgtg	tcaatcctca	ctattgagga	tggaaatttt	gaggtcaaat	60
caacagctgg	agacacccac	ttaggtggag	agattttgac	aaccgaatgg	tcaatcattt	120
cattgctgag	ttcaagcgaa	agcacaagaa	agacatcagt	gagaacaaga	gagctgtccg	180
ccgtctccgc	acggcctgcg	agcggccaag	cgcaccctct	cctccagcac	ccaggccagt	240
attgagattg	attctctcta	tgagggaatt	gacttctata	cctccattac	ccggggtcga	300
tttgaggagt	tgaatgctga	cctgttccgt	ggcacactgg	accctgtaga	gaaggccctt	360
cgagatgccca	agctggacaa	gtcacagatc	catgatattg	tcttgggtggg	tggttctacc	420
agaatyccca	agattcaaaa	cttctgcaag	acttcttcaa	tggaaaag		468

<210> 397

<211> 381

<212> DNA

<213> Murine

<400> 397

gaattcgtct	tcaacggctt	ctgtaaatct	cggtgacccc	acaaggcgta	ctgaaggaga	60
ttacttatcg	tacagagagt	tacattcaat	gggaagaact	ccagtcagtgt	caggatcaca	120
gagacctctt	tctgcacgag	cgtacagcat	cgatggccca	aatacatcca	ggcctcagag	180
tgcccgtccc	tctattaatg	aaataaccaga	gagaactatg	tcagttagtgt	atttcaatta	240
ctcacggact	agtccttcaa	aaagacccaaa	tacaaggggtc	gggtctgaac	attctctgtt	300
agatcctcca	ggaaaaagca	aggttcctca	tgactggcgg	gacagtacta	cgacacattg	360
aggccaaaaa	gttagaaaag	g				381

<210> 398

<211> 239

<212> DNA

<213> Murine

<400> 398

gaattccccg	actcgagcgg	ccgctttttt	tttttttttt	tttttttttt	tccaagcaaa	60
ccaacacact	ttactgtggc	gcaggctgcc	tcagactgtt	acttattttca	gccccagaac	120
tagaaggact	tgaccagctt	ggacaggcat	ctgctcmgt	ccaggcttcc	acgagtcctg	180
gcacagaagg	gttctctgaa	aagtctacca	caggaactgt	gtctcggcac	atgccaaagt	239

<210> 399

<211> 391

<212> DNA

<213> Murine

<400> 399

gaattcaatg	aaacatacat	tcagaagctt	ttctcattct	cttgaacaac	acaaagtga	60
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aagtataat	aatggtgcag	aaggtgtaac	agctttttcc	tgtaatacac	aggtaactct	120
cctcctaaca	gtatttggtg	aagatgatca	atctcaggat	gttataagat	tgcgtaaga	180
tgtaaatgat	tataaccgga	gattctcagg	gcagcctaga	tctgtaagta	atattatagc	240
agctacaaag	tcagagagag	cctttatact	ttttgtacaa	tcagatttat	caaccagcta	300
ttgaactatg	taaagtctta	gtatgtvtcg	actaagtttt	aaccttcac	attgccagth	360
gctagthhcc	cagagagcag	agtttatcta	t			391

<210> 400
 <211> 264
 <212> DNA
 <213> Murine

<400> 400						
gaattccccg	gctcgagcgg	ccgctttttt	tttaagtaga	tttagcttgc	ggacccccctg	60
gtgtgacaga	gaaggccccag	caaagtaaaa	agtagctaaa	agctgaggcc	tatgacccca	120
aagcccttgc	taacttcccc	ttgctaactt	cctcctgacc	agaggtctcc	tgcbgccagc	180
aggaatgaag	cacactagcc	ttagaggcag	gtctgcgctg	tggtgtctgtg	gaagcctcca	240
gcctttctca	gcctcctgct	aagg				264

<210> 401
 <211> 266
 <212> DNA
 <213> Murine

<400> 401						
gaattcctcg	gtcaaaactcc	ccacctggca	ctgtccccgg	agcgggtccg	ccccccgcac	60
gcgcgggacg	gacgcttggg	gccagaagcg	agagccctcc	ggggctcgcc	cccccgccctc	120
accgggtcag	tgaaaaaacg	atgagagtag	tggtatttca	ccggcgggccc	gcgaggcbgg	180
cgtgccccga	ccccgacgcg	aggacggggc	cccggccctcc	cacttattct	accctctcat	240
gtctcttcac	cgtgccagac	tagagt				266

<210> 402
 <211> 341
 <212> DNA
 <213> Murine

<400> 402						
gcggtaggcg	agcagcgcc	gcctgaagct	gcgggcatte	ccgatcagaa	atgagcgcca	60
gtcgtcgtcg	gctctcgcca	ccgaatgcgt	atgattctcc	gccagcatgg	cttcggccag	120
tgcgtcgagc	agcgcgccgt	tgctcctgaa	gtgccagtaa	agcgccgggt	gctgaacccc	180
caaccgttcg	ccagtttgcg	tgctcgtcaga	ccgtctaccc	gacctcgctc	aacaggtcca	240
gggcgcacgg	atcactgtat	thggctgcaa	ctttgtcatg	cttgacactt	tatcactgat	300
aaacataata	tgtccaccaa	cttatcagtg	ataaagaatc	c		341

<210> 403
 <211> 369
 <212> DNA
 <213> Murine

<400> 403						
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aaccaaactg	aacgcctaaa	cgcagggatt	tatttctctat	tttataacct	aatcggttct	120
atthcactgc	taattgcct	catcttaatc	caaaaccatg	taggaacctt	aaacctcata	180
attttatcat	tcacaacaca	caccttagac	gcttcatgat	ctaacaactt	actatggttg	240
gcatgcataa	tagcatttct	tattaaaata	ccatttatatg	gagttcacct	atgactacca	300

aaagcccatg ttgaagctcc aattgctggg tcaataattc tagcagctat tcttctaaaa 360
ttaggtagt 369

<210> 404
<211> 210
<212> DNA
<213> Murine

<400> 404
gaattccaca gatgtacaag cttaaagatt tgaaagggaa acctgagagt gaacagagga 60
aagaaagaaa gaaggaaaagg aagaaaggaa gaaaggaaga aaggaagaaa ggaagaaaga 120
aagaaagaaa gaaagaaaaga aagaaagaaa gaaaggaaga aagaaagaaa gaaagaaaga 180
gmagcgcgagc atcatttttcc aagttgggtt 210

<210> 405
<211> 396
<212> DNA
<213> Murine

<400> 405
gaattcgctt gctgtgactg gtccacaatt cctttcttgt catcaccagc agcaacctcg 60
gccaagttaac ggtagtagtc acccttcatt ttcaaataga agactttgct ttctgggtgc 120
gaasattggg gatcaagaac ttttccaaaa gagacagtac atcgttgcag atgtcacgca 180
gctccgtctc gatcttctct ctgtattctc gagccatctc tgctttttct cagcacctth 240
cgtcttctgc tcaataacttg agacgaccct ccacgatgac ctacgggctc ctacaacgtt 300
tttataagca acagagagaa ggtttctctc ctcatwcgac agctcagctc cctctcagtg 360
acagacttya tkcaggctgc catgtcatca tatcgc 396

<210> 406
<211> 286
<212> DNA
<213> Murine

<400> 406
gaattcgccg cttttttttt ttttttttcc cacggaactg atatatacag atggagagaa 60
caatgtctat ggctgcacaa atccagaaat actagaagaa aactagccga aacttcttgc 120
taaagtgtga atgtaactat tgattactga catccttccg tttaaatcct atgtgttgaa 180
aatgcaatct tgggcagcct ggggacaaat gttcagtggg tgcttcaagt tgaaatctgc 240
tgcattggca tgaggtttgg tgaamctgcm aagtcacagc ctgtgc 286

<210> 407
<211> 200
<212> DNA
<213> Murine

<400> 407
gaattcaaga cgtaggcagt acacagcagc agttcctgag tgtccctggt tgtoacaacc 60
tgaggatgg tgaagttctc caggacactg ttcacatgt agcgttcagg cagctgacgg 120
agcttggtga ggaaattaac caggtactca cacatgggag agcgcasaga cggtagacaa 180
agcgcctgct ctccagctgg 200

<210> 408
<211> 287
<212> DNA
<213> Murine

<400> 408

gaattctttc	tttcttttctt	cttctttcttt	ttctttcttct	ccttctttcac	attttacagt	60
atgcatatct	gtcttaagta	caaataagaat	taagtacaaa	cagtatagga	ataaaattgg	120
aattaaaagt	ttgadtctt	acatggctca	gttggttagtg	ctgtctgtgc	aagcatatac	180
taagccagat	atggtggtgt	gtgattgtca	tctcagcatt	aagggkggca	gagacagggtg	240
tdcccttggg	ttwscgctag	ttagtcgagc	cagaattgca	agctcca		287

<210> 409

<211> 392

<212> DNA

<213> Murine

<400> 409

gaattcccaa	atgaactctc	acttcttagg	gcttgagttc	cagaagtact	ggggaaagac	60
taaagccaca	gaagtgttga	tgggggactg	gggagattcc	tcaatgggag	aattcaggtc	120
cccagggtccc	ggaacttggca	atgtgccttt	taactgagat	ccttggggct	ggtgagacag	180
aatgtcaggc	tcccgtgac	ccagtgggtc	tcaatcttcc	tgtgctgtga	cccttaaata	240
tagttcacat	tgtagtgaac	ccagccatga	aatttthgtt	gctattttat	aaccgtgagt	300
ttgttggttat	gaactgtaat	gtaaatttgt	ttttcaatgg	gtcacagggc	gaccccccaa	360
agtgggtggcg	gcacaggttg	agaaccactg	gg			392

<210> 410

<211> 382

<212> DNA

<213> Murine

<400> 410

gaattcgcg	ccgctttttt	ttttttttt	ttttttattg	tcaagtattt	atttatacct	60
acaaaagaaa	acaagatggt	atcaaaagga	caatttacia	actaagaata	gtagtaacat	120
agctctgagc	atcctgtgca	taacatcaca	cctacaattc	aagtctcaat	gacaggaatg	180
tgtggagaga	ccagcaaggg	cgtaggcaga	gcactgatcc	caagcaaaag	ccaccaacct	240
tttttagatg	agaagtctgc	acaatggatg	gttagggaga	agcagcccac	agcctaacac	300
ctagbcttcc	taagtgaagta	accataacgg	cattaaccca	gctggaaggg	tttgctgcac	360
ctgtgctgac	aaaggacaga	ca				382

<210> 411

<211> 264

<212> DNA

<213> Murine

<400> 411

gaattccccg	gccctggcac	agaggactag	gtgtgagagt	gtgaggttcc	cacccccacc	60
tttctgctgc	bgctccctcc	ccccgacaca	gccaccctcc	gtgtcacccb	bctgggagct	120
tgttgcttct	tgttcaaggb	gcgtaattbc	gacactctct	agggcgcagg	gagccctgat	180
ttacatattt	ctccbgaagb	cbttccctgg	tagggattct	ctcttbgggt	ctgacaccag	240
ggacaagagt	bcaractgga	aaaa				264

<210> 412

<211> 337

<212> DNA

<213> Murine

<400> 412

gaattcagaa	ccagaagcca	aaarccaata	aaaacaaaaa	tactamcaag	tcacttwcca	60
gctttaaatg	tttaaatatt	gcattggatca	atttttagaag	ggcattgtat	gtaaggcata	120

ctgtrgcatt	tcagtcacca	aaagaaacaa	tcttcctaaa	tcactagctt	ctaggctgcd	180
cttctcaatc	atgtgtctgt	ctgtctgtct	gtctgtctgt	ctgtctgtcg	tagcccagac	240
tgactgacct	ttgtttccac	cttccaagta	ctggatgat	aagtgtcrwg	rattatcctg	300
gcttagtctt	tgaaagtaga	achgagcaat	agggaaac			337

<210> 413
 <211> 280
 <212> DNA
 <213> Murine

<400> 413						
gaattcagct	cacggaagat	gttgctaaat	tggaaagaga	aatggagcaa	aaacacaggg	60
aagawctgga	gcaattgaag	caattgactt	tcaaggacag	taagatagat	tctgttgctg	120
ttaacatttc	aaacttggtg	cttgagaatc	akccacctcg	gatttcacaaa	gcacaaaaga	180
gacgggaaaa	gawgkctgca	ttggaaaagg	agcgggaaga	aaggatagca	gwgkctgaaa	240
ttgagaactt	atctggagcc	agacaccttg	agagtgaaaa			280

<210> 414
 <211> 408
 <212> DNA
 <213> Murine

<400> 414						
gaattcgctt	tattgggaaa	tgtatgcaat	tcactttcag	tttttgagaa	cacctagcaa	60
gcatccaaga	agacagcaca	cacagtttca	aaggaacaag	gacagacaaa	agggctgggtg	120
gccatcccag	ggacattgcc	ttgaaaagta	agtaaaactgg	gtgtcataaa	taagactttc	180
ttactttata	agaaggaaga	atcaagatcc	tgttttgatg	tgtattaaat	ataaaatata	240
aaatactctc	tgacccagac	gaggggtggrv	gaaatcctcc	atccaacacc	tcaagtttca	300
tgcaataaaa	tccagaggtc	tgttgaatcc	gcctytcgat	ycatgtactg	cctgtactyc	360
ctcttttgag	acacgttgat	ggcataggca	ttacagagcc	gtctacct		408

<210> 415
 <211> 247
 <212> DNA
 <213> Murine

<400> 415						
gcgtaggcga	gcagcgctg	cctgaagctg	cgggcattcc	cgatcagaaa	tgagcgccag	60
tcgtcgtcgg	ctctcggcac	cgaatgcgta	tgattctccg	ccagcatggc	ttcggccagt	120
gcgtcgagca	gcgcccgtt	gttcctgaag	tgccagtaaa	gcgcccgtg	ctgaaccccc	180
aaccgttccg	ccagtttgcg	tgctcgtcaga	ccgtctaccc	gacctcgttc	aacaggtcca	240
gggcggc						247

<210> 416
 <211> 374
 <212> DNA
 <213> Murine

<400> 416						
gaattcttca	tgtgtaagca	atacctactg	gtgatgtcgg	atgccctgga	gctggagtta	60
tcggcatttg	tgatgatcct	atttgtaggc	acaggggaaca	aacttctgca	agagaagaaa	120
agactcttaa	ctgctgagcc	atctctcagg	cccccaacct	ctccattttc	tgctaattaa	180
acctttccct	hmctcagcct	tgattcatgc	ccataattta	cctcgacaca	tttcattctc	240
aaagaaatac	cattactcct	tagggattgt	ctcttgatc	cttctgagat	tgatcgttat	300
gaatgtaaaa	gcacgggggg	ggggggggcag	aaatcacaaac	tgtaaattca	catcctacct	360

ctcgtgcctg gaat

374

<210> 417

<211> 381

<212> DNA

<213> Murine

<400> 417

gaattcctcc	tacaacttca	ttaactgogt	actccttatt	atcaacattt	ccctgcgact	60
tcttacaatt	ggcatactcc	tcaagaatgg	catcgacatt	cttttttagca	gggagctgga	120
acaactgctt	ctgcctcgta	accaagtccc	agtcctccac	cagccacggt	tttaattctt	180
cagggatctt	caccttcacc	tccatccctac	tcttgaatgc	ctccgctctc	cacagtgggg	240
tcagcccgtg	cccttttctt	ccgagggggc	tgggggactt	cactggtach	gcctccgtct	300
ccgttgccag	gagccttcct	tgttcthchg	gtctthvgca	cagaaccgga	aggarggttc	360
tcagcagagc	gagcctcccc	a				381

<210> 418

<211> 190

<212> DNA

<213> Murine

<400> 418

gaattcgctt	gctggagaga	gagcactccg	ccggggggtcg	gtgaagtatc	ccaagatggc	60
tgggcgtaaa	cttgctctaa	aaaccattga	tgggtatctt	ttgtggaggt	catgccccaw	120
aaccagaagg	caatggaaat	vccctgaagt	cctggaatga	gaccttcac	ccaggttggc	180
tagtctgtct						190

<210> 419

<211> 191

<212> DNA

<213> Murine

<400> 419

gaattcgtag	cttgaggcac	agacgaactt	caccaagaga	gaactgcaag	tcttgtacmg	60
gggattcaaa	aacgagtgcc	ctagcgggtg	gggtcaatgaa	gawacattca	agcagatcta	120
cgctcagttt	ttmmctcacg	gagatgccag	cacatatgca	cattamctct	tcaatcttcg	180
acacaccag	a					191

<210> 420

<211> 252

<212> DNA

<213> Murine

<400> 420

gaattccggc	tcgagcggsc	gctttttttt	tttttttttg	gctgtgtaca	caggggtgctt	60
tattctccac	agagtgatac	atgctaaggt	gggctgggct	tggycgatgt	bcccatatgt	120
acagaactga	ataaagtggg	tctctgagag	gtctgagtcg	ccttggtgtg	aaarggacat	180
gggaaggagg	aggctgttaa	gaccagagtt	gttagtctgt	gctgtctgac	tggatgtagg	240
gaggtaggca	gc					252

<210> 421

<211> 379

<212> DNA

<213> Murine

<400> 421
gaattccccg gctcgagcgg ccgctttttt tttttttttt ttatctttca agctttttatt 60
taagtgcact gacttaagaa tgatttaaat cttgttaaaa gcagccacat ccatggactg 120
tacgtagtcc tcaaaagcag taatttgctc ttccagcata tccgttccaa ccttatcatc 180
ttcaactaca cactgtatct gaagcttttt aattccatat cccactggaa ccaatttaga 240
ggagccccac accagggcat ctgcttgaat gcttcggaca cactcctcta gttttgtcat 300
gtccgtctca tcatcccaag gcttcacgtc tagtaggatt ggaagacttc gcaacaactg 360
caggcttttt agcttttctt 379

<210> 422

<211> 296

<212> DNA

<213> Murine

<400> 422
gaattcctga gagcaggtcc tgtagagcct ggcgagacgc attacactct gccacaatgc 60
ctcccgacgg tcatcacgtg tgcaggatga gtcagccatc agggcagccc cactaataat 120
gctttccagg cgctcctcca gggacggcct aaagcgctcc tyytgaagct caagkkgctc 180
acaatgattt gtttatcaaa gttgttgaga gcgtatccag ctctccgcca ctgccaccct 240
ggtgctgggc agcatcatct gatgcagtmg cctgggctgc attagaaatt tcctgt 296

<210> 423

<211> 296

<212> DNA

<213> Murine

<400> 423
gaattcttca gaactaaaaa aaatatttca tttcattctg aataaaaaaac agaacagaca 60
gaactcttgt aaattctgaa aacaatgtcg tcgctacgga aaatttcaca gaaatcatca 120
gggggtgtgg ggaccaaggt gctgcccctg ccacgagcgc cacctatctg cagtcccaga 180
ggaggctttt agggaccagc acagggtggtg gcagagcctg aatcaagctc aggacgcagc 240
ttctacctgc tgcaccaaga cccggtggcc cagagggcag cctagggtct ycagga 296

<210> 424

<211> 299

<212> DNA

<213> Murine

<400> 424
gaattcccat cagaaaaaaa aaaaaacttt gcagccagct ctacttgaaa gcatggagat 60
gtgaataaag atgcctaggc ttgctagtgt gattagccat ctctgacct ggaaataaga 120
cccaaaaggc aaaacaagaa taaaacctga cagacacctc ctattttacat ccagctatgt 180
acaattcaat aaattaaagt ttaactttct gagcagtcac attccacctt ttacaagag 240
atatcaaata attacataaa tcctttgtcc aatgtogtgt btckcttta ttattatct 299

<210> 425

<211> 256

<212> DNA

<213> Murine

<400> 425
gaattccgcg gcctgggcct agtggcttaa cagtagcgac agcagcagcg gcggcgggcg 60
cggcagsac ttcccgtagc gagcacaggc ccggaagccc gcacaggcga gtagagaaaa 120
tggcagacga tattgatatt gaagccatgc ttgaggcccc ttacaagaag gtgagaaaaac 180
acgctagtga ggctttaata tattttctaa ttttagcatta ttcacgaaac twctgctgaa 240

atgtaaacta accttc

256

<210> 426
<211> 238
<212> DNA
<213> Murine

<400> 426

gcgtaggcga	gcagcgctg	cctgaagctg	cgggcattcc	cgatcagaaa	tgagcgccag	60
tcgtcgtcgg	ctctcggcac	cgaatgcgta	tgattctccg	ccagcatggc	ttcggccagt	120
gcgtcgagcd	gcbcccgtt	gttcctgaag	tgccagtaaa	gcbccggctg	ctgaaccccc	180
aaccgttcbc	cagtttgctg	tgtcagaccg	tctcccagacc	tcgttcaaca	ggtccagg	238

<210> 427
<211> 348
<212> DNA
<213> Murine

<400> 427

gaattctttg	ctacaagctg	ggacagctgc	aagaggagtg	gcagagcagg	ctcccgttgt	60
ctctcaagtc	tttttcccct	gactaattgg	aattcatagg	ggtaatttat	agagggtgtg	120
ggaagtacat	tttggtgcaa	cctgacagtg	actgtgagtt	cctcattaac	caccatacat	180
gggctctgtt	ctaagtctgc	tgttgtatca	actgtctaata	tgtctaattt	gtctaattta	240
gtctttagtg	ttcttgaagg	atttaggtac	cagtgtacca	tttagcaaat	aagcaaactg	300
aggcacsaaa	ggttaagact	gcttaggaaa	ccataggcaa	tgagtggg		348

<210> 428
<211> 241
<212> DNA
<213> Murine

<400> 428

gaattcgctt	tttcttgtgt	gaacagtagt	ggtgaggcct	atgtttttat	gtggcttttag	60
agaaaacttc	agtcttcaaw	gaactcttct	aattagttcc	ttcttagaaa	aagttatgcg	120
ttaatttggt	tcaaaatatt	taggcattct	ttgaattata	aacttgatgat	gcagggattt	180
atgaatgaga	cgttcacatg	tgaagatgac	ttcactawgc	atctgtgtaa	gcagaataag	240
a						241

<210> 429
<211> 329
<212> DNA
<213> Murine

<400> 429

gcgcggattc	tttatcactg	ataagttggt	ggacatatta	tgtttatcag	tgataaagtg	60
tcaagcatga	caaagttgca	gccgaataca	gtdatccgtg	ccgccctgga	cctgttgaaac	120
saggtcggcg	tagacggtct	gacgacacgc	aaactggcgg	aacggttggg	ggttcagcag	180
ccggcgcttt	actggcactt	caggaaccag	cgggcgctgc	tcgachcact	ggccgaagcc	240
atbctggcgg	agaatcatac	ccattcgggtg	ccgagagccg	acgacgactg	gcgcccattc	300
tgatcgggaa	ttccccagc	tthaggcag				329

<210> 430
<211> 261
<212> DNA
<213> Murine

<400> 430
gaattccgcg gcctgggcct agtggcttaa cagtagcgac agcagcagcg gggcgggcdg 60
cggcagcsac ttcccgtggc gagcacaggc ccggaagccg cacaggcgag tagagaaaat 120
ggcagacgat attgatattg aagccatggc ttgaggggccc cttacaagaa ggtgagaaaa 180
acacgctagk gagctttaat atattttctta atttagcatt attcacgaaa cthctgctga 240
aatgtaaact aaccttcccg g 261

<210> 431
<211> 317
<212> DNA
<213> Murine

<400> 431
gaattcggtta ggcgcggcgg cggaatcca ggcgtggct ggcggcgac taggcctctt 60
gcagagaatc cggcgggaat ctgagccatc cgagccgcca ccatgacggg gggcaagagc 120
agcaagatgc tgcagcacat tgactacagg atgagggtgca tctgcvvga cdgccgtatc 180
ttcatcgga ccttcaaagc ctttgacaag cacatgaact tgatcctgtg tgactgtgat 240
gagttcagga agatcaagcc aaagaactcc aaacaagcag aaaggggaaga gaagcgagtc 300
cttgggtctgg tgyccct 317

<210> 432
<211> 358
<212> DNA
<213> Murine

<400> 432
gaattcgggg gatatagctc agtgggttaag agcactgact gttctctaga ggtcctgagt 60
tcaaattcca gcaactataa cagtgggttca cagccatctg taataggatc caatgcccg 120
ttttggtgtg tctgaagaca gtgacagtgg actcatatac ataaaataat tcttaaaaga 180
atgttaaaaa aaaagaacat ttatttttaa taaataaatc aaattaaaga attattttat 240
cattattaac tgtgtatatg tgcaogtgaa tggagatgcc tataaaggct cattggaacc 300
cgtggagcgg gagtcttaga caactgtgag ctgccatgta ggcactggga agtgaact 358

<210> 433
<211> 280
<212> DNA
<213> Murine

<400> 433
gaattccttt gaaacaaaac gacttattta cggttacttt ccttataaga aggaacagca 60
gtctctaata atcaccataa agtgaagtgc tgtgtcccta attttctcca gtttcttcta 120
ccctaagaca tgttttttgg agaccacaat gacttttgta ttttaataatg taagtttcta 180
ttcagataaa atgatccagt ttcaagacag gtgagaagcc ctattttaagt ccaatggctc 240
acaatatgga ctgagaacag gagacatttt ycctycaaag 280

<210> 434
<211> 252
<212> DNA
<213> Murine

<400> 434
gaattcgctt tgtccccaca cagcacacac tgctcgtctt tgtccaggta actagggata 60
taccctgaca tgtctgtttt caggggacat tggccgttct ttctttttcg ctttccatct 120
ggtgacctgg cactgtttct ctctgggtct gaccacact ccaccttgct tggcttctgt 180
tccattcact tcaattccat ccaggatgct ctccagcrgc ccaagagact ggggtgggca 240

cactggcccc cc

252

<210> 435

<211> 392

<212> DNA

<213> Murine

<400> 435

gaattcctga	gcsgcacttc	atcgatgatg	tacagatgcc	cctgggtctg	gtggtggctt	60
cctgcagcca	gacagtcacc	tgtatcccca	actgcacttg	gcgaaactat	aaggcgggaag	120
tgcgcttcga	gccacgcccc	aagcccgccg	tttcctcagc	accaccatcg	tctaccccaa	180
gtacccccaa	accgtctaca	ccaccactct	ggattacaac	tgccacaaga	agctgaggag	240
gtttctgtcc	agtgtggagc	caggccacgg	agttcctggg	cgcgatgggc	tagccgatga	300
atgttgactc	agctagcttg	aggttggaac	agctgttcat	acactgccct	ggtccccaga	360
ccaccctgga	caagctgggt	agcattgctc	tt			392

<210> 436

<211> 238

<212> DNA

<213> Murine

<400> 436

gcgtaggcga	gcagcgccctg	cctgaagctg	cgggcattcc	cgatcagaaa	tgagcgccag	60
togtgcgctg	ctctcgccac	cgaatgcgta	tgattctccg	ccagcatggc	ttcggccagt	120
gcgtagagcd	gcbcccgctt	gttcctgaag	tgccagtaaa	gcbccggctg	ctgaaccccc	180
aaccgttcbe	cagtttgctg	tgtcagaccg	tctcccgacc	tcgttcaaca	ggtccagg	238

<210> 437

<211> 327

<212> DNA

<213> Murine

<400> 437

gaattctttc	aaagtatata	aatagaaaaa	ccctaaattg	aactgaacag	gttattttaat	60
gagcagcagt	aatatatata	tatatatata	tacacatata	cacacacaca	cacacacata	120
cacacaaaca	cacaaaaata	cgacagaaga	aataacaaaa	acaaaaacca	ttataaaaagc	180
agtaatatata	gggaaaaagt	ccaataagta	aatgtataag	caataagcac	ccaagaaatt	240
aaaaaacactg	aaaaaacctc	tcagaaaagt	tctgtcgcg	ttgtgaacct	tttttttttt	300
tttaatacaaa	tcgacaacaa	acattaa				327

<210> 438

<211> 380

<212> DNA

<213> Murine

<400> 438

gaattcattt	tatctaggtg	gactctgaaa	aatgctgtag	attttctttt	tttttattaa	60
taacaacaac	aataatataa	aaagtcaaac	aaactgcaaa	cacacgtttt	ctcactcaga	120
aaacttttta	taatttacca	gaaagattgg	tgactctttc	caaagtgcta	aaaaagttgc	180
ccaattacat	taagcattac	taagtcatte	aaatacaggt	tcagtggcaa	gcaatgaaat	240
gcacggcatt	tgagcagtaa	gcgtctccgc	ccacctcccc	tctgcacggg	cccaccagaa	300
gacctcttat	tgacaaagt	acatgctgta	aaacctaggg	tcctcgtkgt	caggacacc	360
cattcaggtt	cttaacctgc					380

<210> 439

<211> 150
 <212> DNA
 <213> Murine

<400> 439
 gaattcggaa aagtgtctta cccatagatgt ttagccatgg tcaaattaga cccctgactt 60
 tctggaaaca aaatatgtag ttacotttta ctctgaccat catctccac ctgcctaagg 120
 tacttagtcc ttagtttagac ggccctctatg 150

<210> 440
 <211> 432
 <212> DNA
 <213> Murine

<400> 440
 gaattcaaaag ggagaaaaaac aaaagttcat gactgtgatg cccaacataa cagttctagg 60
 gcaggatgac cagggagccc ctcccatgag ctgtctccca gctcccaccg ctgggcaagg 120
 atcatttttaa ggatgggcag ttctggggcc acagcaccta gttttgcggt taaaggaggt 180
 ggggggaggg gtgaacagga agactgagga gggctcgggg catggtgaca aaaagagcta 240
 ggctgcccta cccccaactc gattgtctaa cagataaaat gcctggccat aaatatgaac 300
 actgattgac tgttgaggca gattggatct aaaacttgca ggsagaaca aaatkgctgt 360
 gacaccctg aatttggtat catagtatct ggggtccatg tctaactta ggagtggatt 420
 ctgtctaaaa at 432

<210> 441
 <211> 323
 <212> DNA
 <213> Murine

<400> 441
 gaattctcga tctggaacca ccagccatgc ttccttaagg actgggaaat gcacgtccac 60
 ttcaaagtcc atggcacagg gaagaagaac ctccaaggag atggcattgc cttgtggtac 120
 acccgagacc gcctcgtacc agggcctgtg tttggaagca aagacaactt ccattggtttg 180
 gccatcttc tgggacacgt atcccmatga tgaaaccact grgcgtgtgt ccccgtagat 240
 ctggtgatg gtgaacaawg gctctcctgt cgtacgatca tagcaaagat ggacgatgga 300
 gtgagttggc aggtgcacg ctg 323

<210> 442
 <211> 412
 <212> DNA
 <213> Murine

<400> 442
 gaattctttg caaccaacat gaaataaaaa aaaaaaaat ctgtaagott aaagtttaat 60
 gtggttaagca cagcatggct gaagaacacc aactctccct ccatgggtgt cattgcctgt 120
 tgacctgtgt gtgtcctccc tcacatgatg gcaggatcatg cgagaggccc ctggttccca 180
 tgaataaggg ggggggggta ggtgaatagg ggacttgaca atgcagggt cttccctttc 240
 catcgtcttt gtctgtaact ttttaagaca aatttgaaat ttgaaggtag tctcaaatcc 300
 tggaagggtt aaaatttgat ataagataaa aaatggaaac ttttattaaa ataagtactt 360
 taaactaaca ctgaatagtc tagaccgtta acagaaggaa aatcttgtgc aa 412

<210> 443
 <211> 444
 <212> DNA
 <213> Murine

<400> 443

gaattccccc	gctcgcgcg	ccgctttttt	ttttttctac	ttgctaagcc	atatcgaatc	60
atatgttttt	ccccccaagc	aatcagtttg	ctttctcaga	ttttatttga	aaataaaggt	120
ccaggtcatt	tctaggactt	ggaggatttc	ctgtaaatct	actaaattag	cacatcaatt	180
aaattgccct	aactcgcagt	gtggaagaca	acagtgtcca	ttgctacggg	atcctggggg	240
ttcttgcaat	ataagtgttc	ctcaatgcgt	ggctgtttcc	caaagtgtcca	cctccaaaaa	300
agtcattctgt	aatcttggtt	aattagaaca	cttccagtat	ctttctgact	tttacagtta	360
aggttacaga	attgattttaw	tttatagtc	atggctctca	gagcttaaca	ctagcaagac	420
cccattggcta	gaatgcccc	aggg				444

<210> 444

<211> 433

<212> DNA

<213> Murine

<400> 444

gaattccata	aagcaaacat	tgaataaaga	tgaaatagca	ctggtaaact	taaaaaataa	60
aaaacccaaa	acgttctgtg	ctcttttatg	tgtaagatgc	taaaatcaag	tatctttcca	120
gatggctcac	caccttgtat	ttatgcaggg	tcttacctg	aacctagagt	ttacaatttg	180
gccagcttgc	tttgtgggat	actatctcta	cattcccagt	gcaaggatta	cacttggset	240
acatatccac	ccatttttaa	gggtctgaat	ctggttttca	ttgtctgcta	gtgctttatc	300
tattggacta	gctccccagc	cacacagtaa	ggcatacttt	aaaaggctat	cacacctgtg	360
atctaattct	gatttcacag	gctaagaagc	tattaaatcc	aaggaaccat	gaactagttw	420
aacaaaaatg	gct					433

<210> 445

<211> 420

<212> DNA

<213> Murine

<400> 445

gaattcaaaa	ttcattttcta	tatcctcttc	gatgtacacc	atctccacag	acttaattct	60
ttgaagccag	agacctggta	gactgtgacc	cagtaaaaaat	ggcttttgcc	tttatgtaca	120
tcagatccgg	gcagggcagt	gacatcaact	aacacgggtg	tttcttacia	gagcaacagg	180
gtgtgtgtgt	gtagggtggg	gactcctctt	ccaaagatcc	agccttcaga	ctgacagctc	240
tgccctttta	tctcacctcc	tgagcaatca	cacaggttta	ccaatgttta	accacatact	300
taacaagaaa	gggcaatcct	tctgtaaacg	ttctctgctc	aaggtaacaa	acatgccctt	360
ggattgggtt	caggagatca	gctagggacg	acctgtgatc	cccgtctcca	ttcctccag	420

<210> 446

<211> 317

<212> DNA

<213> Murine

<400> 446

gaattctttg	gggggaaatc	cccaaatttg	ggccccattc	tagaactctg	gggagttcaa	60
attccagaga	gaatatatat	tatatatgtc	ccccaaattt	cccatccctc	caagccccac	120
gatctctaga	agccccaaat	ttctaattcc	caggacttcc	ctacccaagt	aacagaatct	180
tcaaatcccc	agggaatcca	aacttaagac	cccaatccca	agctcaggaa	acccaactac	240
maggtcctaa	ggctgggagg	aaggaccctg	ttgccaggct	ctcagggcat	ctcaaact	300
gactaccagg	caccagg					317

<210> 447

<211> 290

<212> DNA

<213> Murine

<400> 447

gaattccgag	cggccgtttt	tttttttttt	tgttttgttt	ttgtttgttt	ggttggttgg	60
gggtttttgt	ttgttttttc	gagacaggg	ttctctgtat	agccctggct	gtcctggaac	120
tcagaaatcc	tcctgcctct	gcctcccaag	tactgggatt	aaaggtatgt	gtgcccaccg	180
ctcagcattt	wcgtatatc	ttattcttca	aaactaatct	ctacagtcaa	tttagcaagc	240
tcaaagatag	caatgatcca	aagaagtaca	gactagaagc	agatcaattt		290

<210> 448

<211> 396

<212> DNA

<213> Murine

<400> 448

gaattcaatt	aattagaggt	aaaattacac	atgcaaacct	ccatagaccg	gtgtaaaacc	60
ttaaaccattt	acttaaaatt	taaggagagg	gtatcaagca	cattaaaata	gcttaagaca	120
ccttgccctag	ccacaccccc	acggggactca	gcagtgataa	atattaagca	ataaacgaaa	180
gtttgactaa	gtttatacctc	ttagggttgg	ttaatttcgt	gccagccacc	gcggtcatat	240
gattaaccca	aactaattat	cttcggcgta	aaacgtgtca	actataaata	aataaataga	300
attaaaatcc	aacttatatg	tgaaaattca	ttgttaggac	ctaavvcaat	aacgaaagta	360
attctagtca	tttataatac	cgacactaag	acccaa			396

<210> 449

<211> 373

<212> DNA

<213> Murine

<400> 449

gaattcggaa	agatggctct	tctcagggca	tcctgggaaa	cctggctgag	aaagaaggtc	60
tggtcttttaa	agctgtcagc	tgcttggaga	agttttacgg	ggtttctgac	ttcaaactga	120
tttctgaaca	gcccgtcagg	cttcttagtg	tgcttttgct	caaagacttc	ctcatcctcc	180
agtgaaggtcc	tggcgtagtg	gccagtggca	acggcatctg	ctccaagatt	gtccacagca	240
tagtgataaaa	agcaactgaa	cttgatatgc	ttattgcagt	tgatgtcggg	gtttgagtcc	300
ttctttctca	taccgktcaa	aaagtcactg	aacacatcat	tccaatactc	cttcacatag	360
gacacctggt	gga					373

<210> 450

<211> 420

<212> DNA

<213> Murine

<400> 450

gaattccagc	acctgcgtas	cgcacgtggt	acgtccaggc	cacctgtgcc	acccaaggca	60
caggcctgta	tgatgggctg	gactggctgt	cccacgagct	gtcaaagcgc	tagccagcca	120
ggggcaggcc	cctgctgccc	ggaagctccc	gcgtgcatcc	cgggatgacc	agactcccgg	180
actcctcagg	cagtgccttt	cctccccaact	cttcctcccc	acagacaggc	ctctgctcct	240
gcgectgcct	gcatgctctc	tcttgctggt	ggagcctgga	gccttgctct	ctgggcacag	300
agggtctctg	tctcctgcct	gctgggacct	gtggatgggc	ttcctggcca	aggccccctc	360
ttccagggga	ggagcaggga	tctggattta	atttggtttt	ggttttggtt	ttttgatttt	420

<210> 451

<211> 405

<212> DNA

<213> Murine

<400> 451

gaattcctca	gtttcttcaa	atatacatgc	tttcaagcac	ctcccagggtg	tagtggcccg	60
gagtgaagttt	acttcagatt	attcattaca	actagctgtt	atttgtttat	aatgcccttg	120
tgattgtaca	ctttgcata	gttactcctc	ttattactca	gagtataaac	tgtctgatgt	180
tctgaataaa	gttagctatt	gcattgagact	tcagtctgtc	tcatttaatg	gctccattct	240
cccagggtccc	atcacagtaa	acaatacata	atggattttt	ttgtttgttt	gtttgttttt	300
ttgttttttc	gagacagggt	ttctctgtag	cccggctgtc	ctggaactca	ctctgtagac	360
caggtctgttc	tccaactcag	aaatccgcct	gcctctgcct	cccaa		405

<210> 452

<211> 446

<212> DNA

<213> Murine

<400> 452

gaattcgtctg	tggcacccat	tcatgtaact	tctcatttcc	atgtaaacia	agttgctgggt	60
gactgtgggt	cctgacctgt	acgtcttatt	tggatttttc	tctgatagcc	catctaagaa	120
cttgaattca	caccctttgt	gcagggtgtg	ggttgactcc	tggtgagggg	tgagtgatt	180
tctgtgactt	gagacgaat	ggacacaagt	gctaagcagt	ctgctggggt	ctgctgtcgt	240
ttagtgttct	gttttccctg	acatgggtgc	caatcctgaa	tttattcact	ggctttgggt	300
ccattgaagt	ctgagtcocg	agcgtccatt	tcttcttcag	aaccatctgt	gttttcaata	360
actctacggc	ccccagccct	tctggaagga	acaaatgaag	cctcgtttcc	hctcctgggt	420
gctcactgcg	aagtttccctg	tgggggg				446

<210> 453

<211> 464

<212> DNA

<213> Murine

<400> 453

gaattcgtttt	ctcctggggc	tcgatctgcc	ggatgacatc	ttccatccag	agcatgaggt	60
cacgcacccat	gctgaagaag	cggaacttgt	ctcctgtgtc	taccagccgc	accctgcgac	120
cctcacaagc	atccagcagg	gacttccagg	cttcaggac	ctcattctca	cgcttctgga	180
tgtcatcagc	cttgtccccc	gcattaggtg	cctggaggcg	agctgcaccc	tcctgcagct	240
gctcaccctg	agtgcaccaga	gcttggatgt	cgtgctcaaa	gggtggtgtg	attctctgta	300
aagtttccac	agtgttttga	tctcttccaa	gctcctcagg	gagtttcttg	tgtttgtcct	360
ggattcggcc	aaagatctcc	ttggcatcat	ggtaaaactt	atgaagttca	tatgagcasc	420
aagaatctgt	gttcttgtgt	caatgagctc	caggagggtca	ccca		464

<210> 454

<211> 369

<212> DNA

<213> Murine

<400> 454

gaattcgtgt	gtgtgtgtgt	gtgtgtctgtg	agtttacctg	ctacatcaga	acgacccccg	60
atcccagcca	ttgcttgtgg	cctctcttta	tagtcagata	ttgcctttgt	gtgaaccctg	120
gaactattga	aacacttgct	tcttgttctg	ttctgttcag	ttgtaatcac	tgttacatgt	180
ggagccacac	agtcacctcc	acgggctgta	ggagcwgtt	tgtggtctgt	gtccatacat	240
gggaccctta	cttggagtag	gctctagggt	catttggtca	agaacaagcg	agtaacacta	300
gaaacaaagc	tctgctgggg	tgagctggag	awcatggatg	ctctgccagg	gtgagcagga	360
gawcatgga						369

<210> 455

<211> 295

<212> DNA
<213> Murine

<400> 455
gaattcggaa ccttaggcatt tgcagtacag accccaaggc taaccacaaa cttaaagtgg 60
aaaatcttat rgtttttccc ccttggtcag acacagatat atttgaagaa tttccaaatt 120
tagagttctc aattttgggt acatcaagac ttttaaagta gaatttacgt agtaacagaa 180
gagaaaaatc tgggaccttg aaaacagtac atttcacctc ctttgggsta aaagtcacct 240
tcagtttaag gsgggcattc acagaaaacc tcagctggag catctcgtgg cgcag 295

<210> 456
<211> 391
<212> DNA
<213> Murine

<400> 456
gaattccttt cttccttcc tcttctctcc tggccttcc cttcttctc cttttcccct 60
tctcctctc cttccttagc ctcaggagac ttcacgggag acttttcggc ttctgggtcc 120
tctcctttt ctcggcctct tcttctctc ctttggcgga ggctgccaac tctctgcga 180
tggtgtgag ggtttcttcc atttctgact tctcatctc cttcttagtt tcttcgatga 240
tctcctccac aaatttgtgt tggacctga gcttgggggc ctcgaacttg gtcttctgaa 300
tcttactgga tattgtgact gagggctgtc ggtgtgtgta cagargcccc gtgatgcttc 360
ctgaaaatgt gctaaatctg gtctcttccc c 391

<210> 457
<211> 308
<212> DNA
<213> Murine

<400> 457
gaattcagtg aatgggtggaa atgctctcca gtgggggtgtg gagagagcag gaagccagtg 60
ggcaggctgg agcagggtgc tcatggaagg gtgggttagg gaccttcagc ctgacttctc 120
ctggcggggg ggacgtaggg tgggcagAAC caggaagccc atgacttcgt ccatgctgcc 180
tcccttctc cctccttacc cagggtcctg catccttcag sccctatgt ggctgccttg 240
cacccttgcc tgtcccaccc ggatgccatg cacctgtccc cgtcactkgt tccctgcttg 300
gactgcag 308

<210> 458
<211> 206
<212> DNA
<213> Murine

<400> 458
gaattctcag catcatctcg tagtagttgg tgaggttctg ctccacaaa tgaaagggtac 60
ggatactgag ggtctcagaa acaaggccgg ggaggaagg ggagctcgg ttgaaggcca 120
tgaagaaagc catttgccca catgtagtaa gtctcgtcat gctgctgcct ctctcccgaa 180
gcagatgatc cttgaccgcc ccatga 206

<210> 459
<211> 383
<212> DNA
<213> Murine

<400> 459
gaattcagtg cttctataac ccaaggaatg ccacggattg ccagcaagtt cagaagttaa 60

gggagatgct	tttttaggat	cotttccagg	gcccctggaa	gaaatcaact	ctgctgaccc	120
cttgacataa	gacttcagag	cagtgaatag	tctctgctct	tttagacatc	tggtctgggg	180
tcctatatta	gggtagctcc	agcaaacttg	taacttccct	gagcaagtgg	ttggcacaga	240
cctgttattt	acttaatgca	tagttccctt	tgtccctata	ttacatttac	tacagtctca	300
catactacac	tttaccatt	attcatgagg	gtaaacttga	tgatcactgt	ttattcagca	360
cctagacaga	gttggggatc	tgc				383

<210> 460

<211> 324

<212> DNA

<213> Murine

<400> 460

gaattcgtcg	gcttagcagg	tcagaaagac	gtaagcacag	accatggcct	atggaagaag	60
ctggactatt	aggaacctgt	tgtagaaacc	caggagaaca	tagaagacaa	ataagggaaa	120
gtttgggggg	atgaaagaat	aggggggggtg	gcaaagatag	ctccatgttc	cttgctctga	180
gaacctgagg	atagaagttg	ccattcattg	tcgttgaaag	atggaaagga	twaataagg	240
gaaatgtcca	gatctgtttg	ggagcctgtt	gaacatgagg	aaaccaaggt	ggggtgttca	300
gccctggatg	atcgtaggag	tctc				324

<210> 461

<211> 296

<212> DNA

<213> Murine

<400> 461

gaattcctcg	cgtcgcggct	gcggagacta	gaaggaggac	tccggatccg	gctcggcgct	60
cgccctcgct	cgccatggag	aagaccgagc	tgatccagaa	ggccaagctg	gccgagcagg	120
ccgagcgcta	cgacgacatg	gccacctgca	tgaaagccgt	gacggagcaa	ggcgccgagc	180
tgtccaacga	ggagccaacc	tgctgtcggt	ggsctacaaa	acgtkgtagg	ggggccgcag	240
tcbbctkga	gggtcatctc	gagcattgag	cagaagaccg	acacctcttg	atwaga	296

<210> 462

<211> 210

<212> DNA

<213> Murine

<400> 462

gaattcagag	aatacaatcc	aattcactgc	tacaattcat	agaattcgtc	agtgttttct	60
tgagacgctg	aggttcactg	ttggcagttt	ccagtggccg	catgtgctgc	tcagaaaggc	120
cagcggcaga	cagctgcccg	gaagaacttt	cactgctgga	aaactgbtcg	ctcccaagga	180
aagcccaagg	aaggctgggg	ccgtggstca				210

<210> 463

<211> 303

<212> DNA

<213> Murine

<400> 463

gaattcatca	attttgctaa	tgatgtcaaa	taaagattgg	ttgtcaatgg	gcagcacaca	60
gtctgcatgc	tcattcagtt	ccttcattggc	cagcactactg	ttataaggcg	aggtgatggc	120
atcgctttca	ctggaaggat	aaaccgctgt	cacaaaccgg	tacacttctg	ggaattcatc	180
ttcaagaacc	tttaacagaa	atgtgccaaag	cccagagcct	gttcctccgc	ccatgggagt	240
ggatgatgaa	gaagcactgt	aagcaatcgc	actgctctgc	cgacttccgc	agtttctcta	300
aaa						303

<210> 464
 <211> 511
 <212> DNA
 <213> Murine

<400> 464

gaattccttt	ctttctttct	tctttctttt	ttccttttga	agattttact	gcttttatgg	60
tacccccctc	actctgtggt	gtcgagctgt	ccatcagcat	cacgtgggtg	agtctgggat	120
ctactgactt	gacctacca	gtctcagtta	tagacacttc	cataagacgg	gtgactgagt	180
cctgacggct	cacaacacca	cagagccata	cttcctctcc	ttcgggttgg	tagaccttga	240
ctctgtggcc	ctggacacta	tagggacctc	ggctgaaaat	ctcttgtagc	ttttggtcac	300
tgatcaaagc	attaactgtc	tctcttaatg	cagcatgttc	taaaagaatc	tgattttgaa	360
catctgttcc	catctggaac	agatgcvtcc	cattagcatc	cgacaggaaa	cgaagctctc	420
gacacaagg	tattcaactg	gcaccacaga	ccccaacsc	agcttatcta	ctaggggggg	480
tgaaagtcag	gghggccact	ggghaactgg	g			511

<210> 465
 <211> 269
 <212> DNA
 <213> Murine

<400> 465

gaattccccc	aatgtactct	ctatctatta	tatgtgtgca	tgatttaaaa	atggaggggg	60
agggaggcac	aatacaagg	ctaagaaatg	gctcagtggc	aaacacattc	tgcatgcaag	120
catgaagacc	tgaatttgaa	ttttcagaac	ctatgtaaaa	gctggaggaa	tcgtgtgagt	180
atatgtaatc	ccagcacccc	tatggggtaa	atgggaaatg	ggacaggaag	attctgggag	240
ctagagagtc	atctagctgr	gcataccac				269

<210> 466
 <211> 226
 <212> DNA
 <213> Murine

<400> 466

gaattccctg	gagaagcctg	gagctccaca	tgacagagaaa	tgatctgtcc	ttgtgtctcg	60
ttctgattaa	aaacaaaaac	aatcaaataa	aaaacaaaaat	kgaacaacaa	ccttagtgta	120
tgatcatgaga	atgtgaaaac	actagagatg	atcaggggga	tcttcaaagt	gaggcagaca	180
gccagtttct	gaagagaatt	gcagtagctc	ggaaagccag	tcaccg		226

<210> 467
 <211> 220
 <212> DNA
 <213> Murine

<400> 467

gaattccgca	aattccttaa	ggaagtggaa	gcaatcattg	tttactttgc	tgctggtctg	60
tgttttacca	attgcagtta	gtaaacaaact	agtctaggca	tttatgtgct	acatgaatat	120
aaccaaactg	gagaaaatag	aaactgcaat	ttttgagaac	tatttttttt	taaattccat	180
aggcaggctt	ttaaaataaa	aacaagtggg	tcactttgac			220

<210> 468
 <211> 344
 <212> DNA
 <213> Murine

<400> 468
gaattcgaca tagggaacag gccatccaga caaggagtga ggggtggaaat ttttgtatatt 60
agagtcacat gtaaatttta agctcaaaa aaataaacta gtaactccat gaaaaaaatg 120
agtgttttgg ggggtggggtg ggggataaga aagaaaatca gtgaggggag aatgccaat 180
tatcacttag catctcttaa ataatttcca ctggaggcag ggtatctttt ccaaagagat 240
gagccccatt ggatggattt gttacagttt taagtgatta aaatcgggac tttacagtac 300
atttgtgggk cttttactag tttttagagt ggtgtttkgc aaat 344

<210> 469
<211> 66
<212> DNA
<213> Murine

<400> 469
gaattccaaa ttccctttga gccaggtatg agctcatttt yctacaagca tccaawwgtc 60
ttcttc 66

<210> 470
<211> 50
<212> DNA
<213> Murine

<400> 470
ggrattcgtg aggccgaacg ctaaactaag gtacaaacgg cttaggccta 50

<210> 471
<211> 101
<212> DNA
<213> Murine

<400> 471
gaattccaga ggggaagccc gaaaacctgc tgtgtcttct ggagttggca tggcggtctg 60
cccasggggc tctctgcaca gactgactgg ggaggggtgag t 101

<210> 472
<211> 213
<212> DNA
<213> Murine

<400> 472
gaattcctgg ggctctgagg atcccttttc ttctcttcc actttgacct ctgttaagga 60
tycacctgca tcccsгааah tgccacattc tgccactcaa aatttgcatc atttcgggag 120
gsaawttttt catctatgtc ttcaagtgaga gagtcatcta gatcagacgt gggsagagga 180
accagaacc aacgagckty atgttggcct cat 213

<210> 473
<211> 188
<212> DNA
<213> Murine

<400> 473
gaattcgaaa gaggaagaa tgaagcctga gctgaaccct aaataaatatg tcagaaaatg 60
acaacttgcc tccctctaga ctatttcatt tgaaagattt gctaggttac attagggtt 120
gggatagatt tttctgggaa tggggsccta accmcmgac ttaaaaaatg sccccgstt 180
mcagttct 188

<210> 474
 <211> 184
 <212> DNA
 <213> Murine

<400> 474
 gaattcctttt tttttttttt aaaaaaatag tatgtatagt gtgtgtacat gtgtataagc 60
 tcaagtaaga aagccagagg agactggsct tgtctgttct gctctccacc attaagccct 120
 tgagacaggg tctctcacta tacctgatgc gatagccagc aaactccagt aaccctacac 180
 ccag 184

<210> 475
 <211> 319
 <212> DNA
 <213> Murine

<400> 475
 gaattcgagt agattcccag tgctcaccat gagggaaaca atgttactat acctttccta 60
 tgaggaaagc cgggtaaacy tagaggtcct ctgtcatgtc tttaaacata gtttgagtag 120
 acagcaatgc tctttaccta gcttagtggt ctgatggcaa aatattgtat attgtgataa 180
 ttatgtccta tttatttgag attcttggtt aaaattttaa aaacaaaaaa acaaataaaa 240
 atttttttgc tatgccttag atgtagggct tttttttcca accaaaggct tacaaaagtt 300
 tctatagaaa ctgtgattg 319

<210> 476
 <211> 401
 <212> DNA
 <213> Murine

<400> 476
 gaattccacg aggggcttcg gaaaggaatg ttttctggaa gtccttccac atagagatca 60
 ttgggatggg cctcaaattt ttggtagcgt acagccttgg cttccgtgct tcccaaggcc 120
 tcggcaaatt tcttgcagaa gagctgggca accatcttcc tcagtttggt gatvcgagcg 180
 taccactctt ctttcaactcc tgaggctggg ttatcaagct gtaaactctt tcgtgttgag 240
 ttcagaagct catgtttctt aatcacgaag cggatccttt ccttcdccag caatatactc 300
 tcaaggcgag gaattccgta cgctcgacgc ttctaaaagg aatcccttya ggaagyyctt 360
 ctacgtaaa atcttcaaca tgggactgga aaagagggta c 401

<210> 477
 <211> 385
 <212> DNA
 <213> Murine

<400> 477
 gaattccttg gattaaaggc gtrcaccacc acgcccggct caggccagaa cctttacaca 60
 tgcttaacta aaactagtga aaaatgcata ttaaaaacaa gaaattccca aaatacaact 120
 cagaaattac tccaccccat aaatgcagca aaaaatcctc tgatctatct taccagttac 180
 taagcaaggt atagtggcag agacctgtaa ttcagggggg cagaggatgt cacaaattca 240
 aagccagtct ggtctacata gcaagtctgc cccaactcaa tgcattacaa aatgaccccc 300
 ctccccgacc tctcaaaaaca aaacaaaaca cacaamacac aaagcccama caactcatta 360
 gtaaaacaat ttgataattt atatt 385

<210> 478
 <211> 391
 <212> DNA

<213> Murine

<400> 478

gaattccact	ctaatttttt	caaagtaaac	gcttcggggc	ccgcgggaca	ctcagctaag	60
agcatcgagg	ggcgcccgag	aggcaagggg	cggggacggc	ggtgactcgc	ctcgcgggcg	120
accgcccgc	cgctcccaag	atccaactac	gagcttttta	actgcagcaa	ctttaatata	180
cgctattgga	gctggaatta	ccgcggctgc	tggcaccaga	cttgccctcc	aatggatcct	240
cgttaaagga	tttaaagtgg	actcattcca	attacagggc	ctcgaaagag	tcctgtatwg	300
taahhhaagt	cactacctcc	ccgggtcggg	agtgggtaat	ttgagmgcct	gcgccttcct	360
tggatgtggw	aghcgtttct	caggctccct	c			391

<210> 479

<211> 443

<212> DNA

<213> Murine

<400> 479

gaattccaca	tctcaagaaa	ctcaaagaat	catactgtca	aagacagggg	gttccaatga	60
attcactcag	gtttctcttt	gaaggtcaga	gaattgctga	taatcatact	ccgaaagaac	120
tgggaatgga	ggaagaagat	gtgattgaag	tttatcagga	acaaacgggg	ggtcactcga	180
cggttttagat	aattcttttt	attttttatt	tttcttccc	ctcaatcctt	ttttattttt	240
aaaaatagtt	cttttgtaat	gtggtgttca	aaatgaaaat	tgaatactgg	cactccatct	300
cttagaacat	atgaattcta	gtgttcaata	ttcattattg	gttggttttg	ttgtgctgat	360
ttttvgtgat	cagacctcag	ccccttaata	ctgccctttt	gccctttaag	agatttcgat	420
tgtgcacaga	gaggccaccc	ttt				443

<210> 480

<211> 382

<212> DNA

<213> Murine

<400> 480

gaattcgatt	cacagttgcc	ccagagcaga	gtgtgccctt	ccacaaagcc	ctagaggact	60
ggcagtatga	catgatgcca	ggatgaagct	gtgatgtgga	cgagaagata	gaccggctgg	120
agtgaggag	ggaacctcag	cttggtcagg	ccttgcaagt	gagggcagac	ggacaggggtg	180
acctggctac	tagactaggg	tggcatttct	tctgaatgat	ccctgtgcct	tcccagagaa	240
aggtgggaga	aataaaggac	aggggtggga	ggcaagggag	gtgacagagc	cagctccgtt	300
atctccccag	gcctccacag	caggggtatc	tgtcagttcc	atgcacccca	gatctggggc	360
caadcctgag	ggccccacc	ct				382

<210> 481

<211> 521

<212> DNA

<213> Murine

<400> 481

gaattcaaag	cagctatggg	cagcagcctc	ctactagtta	ccccctcag	actggatcct	60
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tccgacagga	ccacccagct	agcatgggtg	tttatgggca	ggagtctgga	ggattttccg	180
gaccaggaga	gaaccggagc	ttgagtggcc	ctgataaccg	gggcagggga	agagggggat	240
ttgatcgtgg	aggcatgagc	agaggtgggc	ggggaggagg	accgtggact	sgggtaagag	300
caaaaccttt	ctccttttat	ctaattttgt	ttcatccata	ggattttcaa	tggaaagaag	360
ggactgaaag	acataagaaa	tttatcccac	ttttcatgga	caatctattc	sdcaagctat	420
ctcctaaaac	atggaaatgt	catttaagtg	cagtttgctt	ttttccctgc	cagtaaccat	480
tgttgggctg	ggtgaacaaa	gaatgctttg	aaactagagc	t		521

<210> 482
 <211> 347
 <212> DNA
 <213> Murine

<400> 482
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 tactccggaa aaaaagaacc tttcggctat ataggaatag tatgagcaat aatgtctatt 120
 ggctttctag gctttattgt atgagccac cacatattca cagtaggatt agatgtagac 180
 acacgatctt actttacatc agccactata attatcgcaa ttcctaccgg tgtcaaagta 240
 tttagctgac ttgcaaccct acacggagggt aatattaaat gatctccagc tatactatga 300
 gccttaggct ttattttctt atttacagtt ggtggctcta tggagggt 347

<210> 483
 <211> 343
 <212> DNA
 <213> Murine

<400> 483
 gaattcatcg ggaatagtggt gtactgcact aagtatttta attcgagcag aattagggtca 60
 accaggtgcc ttttaggaga tgaccaaatt tacaatgtta tcgtaactgc ccatgctttt 120
 gttataattt tcttcatagt aataccaata ataattggag gctttggaaa ctgacttgctc 180
 ccaactaataa tcggagcccc agatatagca ttcccacgaa taaataatat aagtttttga 240
 ctctaccac catcatttct ccttctccta gcacatcga tagtagaagc aggagcagga 300
 acghtgaaca gtctaccac ctcthgccgg aaatctagcc cat 343

<210> 484
 <211> 386
 <212> DNA
 <213> Murine

<400> 484
 gaattcgttt tgggatagca tttgaaatgt aaatgaagaa aatacctaata taaaaaaaaa 60
 ctttaaaaaa taaaaaaaaa aaggaatgtg tgctggctgg gtgggtgagt gatgctgggt 120
 ggttggtggt ggtccacacc tctaatacca gcttccggtg gaggtgggca gatctctgag 180
 ttccaggcca gactggtcta tagagccagc tgcagaacaa ccaggactac acagagaaac 240
 actgtctcaa aaaacaacaa caaatgtat gtctagcctc tthgccaact ctgtactctt 300
 aactgtttga taaactgagt catagaagaa gcygtgaaat ctataatgcb acactatgaa 360
 aggaccaggr aagcgccagt ctgcct 386

<210> 485
 <211> 518
 <212> DNA
 <213> Murine

<400> 485
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 tcacgaaga tgcacaatcc ccattgtctg tctggccatg gtctttgcgg acaaatcagg 120
 ttgacaatta atgggagcag ctgttcaaac cacggcaaca ccttttcttt gtagctactg 180
 aatattgagt gtaaaatatc cgacacttta gtcagtatat aaacatcatt atcatcctca 240
 tcttgtagtg actcttcaac ctgctcgta tagtcttcat cttgtctttt aacttgccgc 300
 aactcctgat ttttgaaatg tkcttcaagc ttcgccttca ggatgcctcc cagctcctca 360
 aagtgtcat tgttgaggca cccgtctccc atgacctcaa tgcactttgc aaaggaatgc 420
 atgatctccg agaggacatc tgagtcgggc tctgtgccga tggccttgat gagagcmccg 480
 acatgaagtg ccacatctgt gtaaggtacc sggacccc 518

<210> 486
 <211> 528
 <212> DNA
 <213> Murine

<400> 486
 gaattccccg gctcgagcag ccgctttttt ttttttwwmc ttttagtgga cctgagagtt 60
 aaatcaaggg ccttgtgcat gctcacagta caccctactg ctgagctata tctccagacc 120
 cagaatctat ttagtttata aataacttcc taatgcctgt ctaatgatgc atatcttaaa 180
 taagtaaata tgttaaataa aacagtattc attttagttt taagtaatag gctatcttga 240
 atttttagtt taaggtaaata caaataaaat taagactata aatgaatcct acttctatta 300
 tttatcatac tgtatattga cttatgcttt tatattttta cattggcatt caagtcatat 360
 gaatcatgta aaattggctg cttttaacta ttgtagtttg ttatttgagt ggtattctat 420
 gttgcttaga ttttaactgt gccatgtgtt ttatagttta tatggtttta tcttgattat 480
 ctttttgtaa atgtgggagc taagaactta aagaattttg aaaatcga 528

<210> 487
 <211> 396
 <212> DNA
 <213> Murine

<400> 487
 gaattactga ttttgtgttg ttttaacaaca gcagactcat acatctcctt tttagtrggc 60
 tgaacctgt atctgaataa taagggatcg attgcatctt tcttcttccc atggtgaaaa 120
 gactgctttg tgtttccgag tctgactgt cctgatgac aatcgtctct ccatcagcac 180
 tgctcaggtg thcgttagca aaaccattct gatgtaatgg agggaggact tccaagattc 240
 tacactgcwg ccttgtgccca ttgtttccga atgaactcca cagtctcttc aacaaaatat 300
 cggtccttga cataggcaaa gatatcatca cagatttcat gcaadcgtga acacgagtaa 360
 ggttggtcag gtataaaaacg gaataattag tggttc 396

<210> 488
 <211> 388
 <212> DNA
 <213> Murine

<400> 488
 gaattcttta cagatgattg tgaacaacca tgtgcttggt aggaatagaa ctcaggactt 60
 ctgaaagagc agtcagtgcg accatctctc cagccatggt ttacctgttt ataaagtggg 120
 gctgtgtatt tagaaggggt aacacagtag agagagtatg tttctgcgtc ctgggcattt 180
 gtgaactaga tgcccagcgg ctggtcctcc tccatcccct ccttccctgt tcagtcattt 240
 ctagtgtaga tggcattttt aagtccatgt ttttatgttt tctggttaat ggttatcctt 300
 cagatggtaa ttcttaccct tgtatttggg cagagcaaaa aggccttggc tctagactgg 360
 ccagcagttt acctggataa rggactt 388

<210> 489
 <211> 420
 <212> DNA
 <213> Murine

<400> 489
 gaattcttgg ggttagtgag gtcaacttcc tcggagtcgt agtctgagag gatccacggg 60
 aagacagggt actgcatgag gtcattgtaa gatctgcctg ccagcgtgtt caagtgcac 120
 aaatactgga agttgctgat ttcacctctc tccatctctc gagtacaga cttctctcca 180
 accagagtgc tgagtaaccc agacccttgt tccacactgg tgtttggtct ctgtccggac 240
 acagactccg agctgtccgt gagagagggc acaactgccca ggaacctttg gtagacttta 300

ttccgaatdc ccttttgaaa agccaggagg tagttccgtc catctccaga gaaaacttca	360
acagcgatag gctggaggag atatctcctt ttatgcacct ccttgatgtc ttcatatgca	420

<210> 490
 <211> 367
 <212> DNA
 <213> Murine

<400> 490	
gaattctttt tttttaaaaa tgacaataca aaagtacctt tacacaattt ataaaagcat	60
aattgatgat aaagcaagta ggagtctcac agtcaagtgg cacgggggct ggggccatga	120
gcagtcacctg aacaccagct tggatgtcta agttcccagt gctgcctgcc cccgtmctct	180
agtttacagt gaaaaggccc atattccagg ccttggtgtt tcttttttta aaccttttaa	240
aacttgacat tactttctcat gaaaaaataa tgaaataacc ctcccaaacm actgacaaaa	300
atmattaaaa wwtgaccctt ttthamcaca acacaagcrg atcaaaamca aaggttccaa	360
aggattg	367

<210> 491
 <211> 271
 <212> DNA
 <213> Murine

<400> 491	
gaattccccg gctcgagcgg cccctttttt tttttttttt taaatttttg gtttttcgag	60
acagggtttc tctttatagc cctggctgtc ctggaactca ctctgtagac caggctggcc	120
ttgaactcag aaatccacct gcctctgcct cctgagtgtt gggattaaag gagtgcgcca	180
ccacgcccag cttatgggac ccccttttca ttgtagtctg gggtaacaagt acagaagccc	240
ttgaggggct ctgaacctgt actgccccca g	271

<210> 492
 <211> 378
 <212> DNA
 <213> Murine

<400> 492	
gaattcgcac agagcatctg tacatccctc agaactcaga gtgaacatgc tcagaatctg	60
gctctgacgg gtgatttgaa gaatctgtgt ttgaagcaact tgactcatca actggttcaa	120
atggtcgcaa gtttgcatat gtcacctctt gggctagtgt ctctagggaa gggcggccta	180
atagcagggt tcggagtga aatcgagtca tcaggaagct gcgtcgaaag acgtagagct	240
ttcgcagcac gaagcggaga aatcgctcat ggaaagggct atttcgcctg cgttcaattt	300
cttggaagct cctctgtcgt ctgagaaaag tttggaccag aagtgttggc tcagggcccc	360
ttttcttccc ttccaaag	378

<210> 493
 <211> 459
 <212> DNA
 <213> Murine

<400> 493	
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ctgtgtgtgt ctgtgtgtgt ggagtgtgtc agaaaaggcc agaagagggt gtcagggtccc	120
ctggggctgg agttactggc tgaggtgagc tgcctcaaac agggctggga actgaactca	180
ggttgtctgc agaaacagaa agtgctctta actactgagc cacctctttr gccctctgcc	240
aatgttttagt ctaaccacta tttctaagct tctggttctc tgtgtacagc acaggaataa	300
aaacaacatc taaggctggr aaartggcac dcacctttaa tccagcactt gagaggcaga	360

ggcaggggga tcgaggccag cctggtctac agagtagtcc aggacagcca tgtagaaaaa 420
ctaataatga taacaacaac aacaaccacc accaaaccc 459

<210> 494
<211> 135
<212> DNA
<213> Murine

<400> 494
gaatwgcgtgt mgtgggtctcc gaacdgcgccg gaagcdccgc agtcaccgac gggaccagaa 60
gtggcatgac aaacagtaca agaaarvca cttgggcaca gcctgaaggc caatcgtttg 120
ggggttctca tgcaa 135

<210> 495
<211> 326
<212> DNA
<213> Murine

<400> 495
gaattacttt gatgataatc cacacaatat tgatgtgaat aaattaaagg tgtaatttc 60
caaagtataa ttacaaaaat aaaagtaaca gactggaaga gtattattta atggcttacc 120
aaagatctat aagcaagagt tttggggaag aaataacact attttgtatt tcactatatt 180
catttttaaac taaagcttgt aatctctatt tttaaaatca cattatatca ctttcttttt 240
tttttttttt ggggtttwgt ttttttttgc gagacaaggg tttctctgta tagccctggc 300
tgtcctggaa tcactttgta gatcag 326

<210> 496
<211> 247
<212> DNA
<213> Murine

<400> 496
gaattcctga ggagtccctg ggtcaatggc agcagaggag ctgcggcccc agatcacagt 60
atggcactca cacattttca agccagaact gaacagagga gttcgtaact cggtttatcc 120
aggcgatatt ttggctatat tcagtgtgga tagcgatgct tcagagcaaa cacaaatcta 180
tgagaagtca gaggtagctt ttatcatctg tctaaaagggt ttaaagaaac caccttctgt 240
atgtgat 247

<210> 497
<211> 302
<212> DNA
<213> Murine

<400> 497
gaattcgatg tgtgtcctac atgctggtgg ttttaccctt acctgctgcc catgctcttt 60
cctgcttctc ggtaaggccg agcaacaagg gtttacagga aaccgagatt cttcccaggg 120
ctctcttggg ctctagtga gggactcagt gagcgggagc ccttggaana gaagacggca 180
gagctgaagt gaaaagcagt ctcttcagga gggatgttcc ctcaccctt cacagcacca 240
aagtttcttt gcaaaatagg gtctgagcta caaaagggag gcagatgtgc ttgtgaatgc 300
at 302

<210> 498
<211> 310
<212> DNA
<213> Murine

<400> 498
gaattcccca cagcagaagg gaggagacag ccaagaaaga gtgagctgaa agtcaggcca 60
ggataaagtt ctaccagaa gtgtctgaga gccatcaagc cttgtccacc atgatgggct 120
ccatccttca aaccatagcc agaacaggct ctttctctgg taagttgctt ctgtcaggaa 180
attcatctct gcaatgagta aagttcctcc tgcacctgca gaggatgggc aagcaccggg 240
gagtcctagg gtcacccagc ccacctgccc cgcaggbctg agctagactg agtgagaaag 300
ggagcacaaa 310

<210> 499
<211> 366
<212> DNA
<213> Murine

<400> 499
gaattccccc gctcagagcg cgcctttttt tttttttttt tttgtaaaaa gaaacatgat 60
tctttattga aggaacagcc gccatacaaa gatctattgc ttcctacacc gctacactca 120
gaaggaagcc gagaaagcta caatagggsg mgcatgcaga accacaaaact ggaaagcaga 180
gagatcctct aaggcacgga ctggagcctg ttttccagc ctctatgtcc agtgccctctc 240
tcagcccagg gagagcaggg gaaggcaagg ttgttctctc ctgcaccaga cacttagatt 300
tctctctaag aagaaaccac ttttccatcc actgattcct ccacactgat atggaaattg 360
ctgctg 366

<210> 500
<211> 384
<212> DNA
<213> Murine

<400> 500
gaattccttt tctacaatgg tgctcacaga gacctgetta cactgtagct gcttaataaa 60
atccttcaact tgcacagcca tggtctgagc aatattttatc tccagctcag tgtgcctcct 120
cttcatgttc tgcagttggt ggctcagcatc ctgcaggtaa atccagagct cggccttcag 180
gctcttgatc tcctccagc cctgagttaa gttctgtgct tggaccagcc tttgttcaat 240
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acacatggag caaaggagat ccaagtaggt cctggcctgc tcttgcaaag ctctgaagtg 360
tttgacctgc ttaacagctt ctgc 384

<210> 501
<211> 400
<212> DNA
<213> Murine

<400> 501
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cctttccac atgcagaggt aagaaaatac caaaagggcc caaacgaaat gtgggtggtg 120
gtgtgacata ggatagtggt agtcttcatg cctaaaacag ccctaggtag agccaggtag 180
agtggcaaac cctgtaaacc cagcactacg ggagcagaca ggtgtgagtt ccaggccagc 240
ctgggatcca gcaacactaa gtcttaaaact atacatgcgc atkckckck caccacaca 300
cdckctgtga aaggggctga gtaaggtaca gacctttaat ccagcctgg ggaggcagag 360
acaggccagc ctggtttaca aagtgaattc cmggccagtc 400

<210> 502
<211> 432
<212> DNA
<213> Murine

<400> 502

gaattcatta	tccttcgcct	aggacgtgtc	actccctgat	tggctgcagc	ccatcggccg	60
agttgacgtc	acggggaagg	cagagcacat	ggagtggaga	acgaccctcg	gcacatgcgc	120
agattatttg	tttaccactt	agaacacagc	tgtcagcgcc	atcttgtaac	ggcgaatgtg	180
ggcgcggtc	ccaacatctc	cccctttcct	tttaataaga	gcaaataaggc	cacccatatt	240
aatgagagt	gagatagagg	tcaaattccc	agtgtgtagg	taaaggagcc	atgtacagga	300
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ttcctggggg	aagggaacta	ggacactgaa	ccttcatgaa	agatgacatg	tctccctaga	420
ataggtcat	at					432

<210> 503
 <211> 416
 <212> DNA
 <213> Murine

<400> 503

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tactggagcc	gggctgggtg	gcgcacvcct	ttaatcccag	gtctcgggag	gtagaggcag	120
gtggatttct	gagttggagg	ttggcctgat	ctacaaagt	agttccagga	cagccagggc	180
tacacagaga	aaccctgtct	caaaaagaaa	aaaaawaaaa	aaaaaaaaaa	agaatcatgg	240
gtcagtgagt	ggaggtactt	accctaaatc	tggcatcctg	aatttgattt	ccaggactca	300
ctggtagagg	gaaacmdctg	actcctgcaa	gttgctcttt	gatctctata	tgtgggttgt	360
ggcatgtgta	tccttgatgg	gcaataattc	accaagtaaa	ttaattaaaa	tataat	416

<210> 504
 <211> 434
 <212> DNA
 <213> Murine

<400> 504

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gatcaggcta	ccttttgtct	cttaaaggct	cctgagtact	agtgggacat	ggaaactctc	120
cattactgag	ttgtttcagt	gtcattctag	cttcctgatg	agatggcatc	taatgggaaa	180
atgaactcgc	ttggtcccca	caaggagagg	ggaacactta	gctgctgcct	gtctctaaag	240
gcattgactgt	gtagcacttc	actacccctc	gaactactag	cattagaatc	tagtttcaaa	300
aggaagaaca	aaggraccct	cgattgctaa	cagtatgtaa	aggtgcaggc	ggtagcaggg	360
aggaggactg	atgtgtagta	gcattgaaatc	tggaatgagg	ttttcatgag	aagccacact	420
aacttatgag	tcac					434

<210> 505
 <211> 423
 <212> DNA
 <213> Murine

<400> 505

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atgaagtggg	ttaatacttt	ctcctaaatt	tccattgatt	caaatgaaaa	cttggtctgt	120
gttccagggg	tgtaaaactc	aaagagagtg	tattaaatct	gattcctatt	ttgtacgttt	180
aattttctgga	ctcagcacct	tagaagctgt	gactggctgt	gttccttagca	tggcaggaaa	240
tactttcagt	ggatttataa	amvctgtaga	aacgatgagt	agttgagtca	ctacgtcttt	300
tcaaagcatg	ttaaaactac	ctccagaaat	aggtttgcgt	ttaatcaaaa	agcaaacagc	360
agtttgaggt	taggggctga	aaatgaaagg	agaaagggtg	agagctatga	cccagcccgg	420
gcc						432

<210> 506

<211> 240
 <212> DNA
 <213> Murine

<400> 506
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 gattagacca gcttgacagaa ttccagacaa gtccataccg agagctcctt gaagtgaact 120
 gatagcacca atcttagggg ygcdggcact cactgggaaa ggagatgtgg ctcttgaga 180
 cccctctgag gagcaggaga ggtctatagc tgactcccca tgccagccat tgaggacaat 240

<210> 507
 <211> 136
 <212> DNA
 <213> Murine

<400> 507
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 gtagaccaga ctggcctcga attcagaaat ccgcccgcct ctgtctcctg agtgctgaga 120
 ttaaaggcgt gcacca 136

<210> 508
 <211> 267
 <212> DNA
 <213> Murine

<400> 508
 gaattcggcg ccgtagccat catgaatgac acagtaacca tccggaccag gaagttcatg 60
 accaacgctc tgcttcagag gaaacagatg gtcattgatg tccttcatcc tgggaaggca 120
 acagtaccaa agacagaaat tcgggaaaag ctggccaaaa tgtacaaaac cacaccagat 180
 gtcattcttg tatttggtt cagaaccac ttcgggtggtg gcaagaccac tggcttkggc 240
 atgatctatg atyctttaga ttatgca 267

<210> 509
 <211> 386
 <212> DNA
 <213> Murine

<400> 509
 gaattcgtgg ttgtgagcca ccatgtggtt gctgggatcc gaactcagga cctttggaag 60
 agcagtcagt gctcttaacc gctgagccat ctccaccagcc cctacttgct agatctttgg 120
 aaataaaaact ctctacttat cctgaggcc attaggtttg ccagccagtg gctatacctg 180
 acaagccaca gcatggtccc ttatataaca tgaaagtggg aacaaataat gagactacta 240
 aaggaggagaa caagataggg caatggtggc aggaaacaaa attgttccat tctctctcac 300
 aagggaatc taggtttaaa aacagtgagt atttgtgtga aacaaaact bgagagaaga 360
 agggggtcag tgagagagga aagaga 386

<210> 510
 <211> 447
 <212> DNA
 <213> Murine

<400> 510
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 gtaacaacac tgcctaaaaa cttgctagaa aaggacaatg accccacccc agatctacag 120
 aatgagaaac tgtctgggtt ttaacagacc agataagtgt gctttaacaa gcttgagaac 180

ctgaagcaca	ccatcctttt	cagccgagaa	gccacgaggg	ggagtacaac	ttaacagcca	240
tgggtatctg	ttatgccaag	gtcaaaggta	gcacccctctg	aggagactcc	agggagtact	300
gggaacmaca	ctcagaggag	aatwaccac	cacagagcag	gagggagaaa	gagaagtagt	360
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aaaagatatc	cmgtgttgtt	atctttc				447

<210> 511
 <211> 319
 <212> DNA
 <213> Murine

<400> 511						
gaattccata	aacccaaatc	tctgcccagg	gtgatgggta	caggcaaccc	ctcttttggtc	60
tccacctaac	agcccctttc	tcttgccagta	tgaagcacat	ctcctgtcct	ctgctcatct	120
tgcattccga	ggatgatcca	gttgtgccct	ttcatctcgg	tagaaagcta	tacaacattg	180
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<210> 512
 <211> 281
 <212> DNA
 <213> Murine

<400> 512						
gaattctcgc	attcctcctc	ctccgctcgc	tcttccacct	ccatctcctc	ctgctctgcc	60
cgttccacgt	cgtggatgcc	caccaggaga	ctgtaatcca	tgatcttcag	ctgggccagg	120
aactcaacgt	cccgttcag	tttttccagg	aagttctttt	tgctctcttc	tcccacgtgc	180
agcttctgcc	ctthgttgag	gaagtcatta	tctttgaaag	ttggcaagtc	cttagccttt	240
hhcttgtcac	hgcttctctg	gcaacagtgg	aacccttcag	g		281

<210> 513
 <211> 301
 <212> DNA
 <213> Murine

<400> 513						
gaattccttt	tcttttttct	ttttcttctc	tctaattctc	ccccaggtat	tcctacctga	60
ccttaacttt	tcctcgggtt	caagaccctt	ggaaaggcct	gtatacttac	cgtttctcct	120
tgtctctact	ctctctcccc	gctttacthc	ygatagactg	tcctgaattt	cctctagaat	180
tttcagccct	atcttaagca	ctatataaca	wgtgaaaagg	racaaaaggg	cktctaacac	240
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c						301

<210> 514
 <211> 391
 <212> DNA
 <213> Murine

<400> 514						
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tcctctctct	cttctcttagc	ctcaggagac	ttcacgggag	acttttccgc	ttctgggtcc	120
tcctcctttt	ctcggcctct	tccttctcct	ctttggcgga	ggctgccaac	tcctctgcga	180
tggctgtgag	ggtttcttcc	atttctgact	tctcatcttc	cmcttttagtt	tcttogatga	240
tctctctcac	aaatttgtgt	tggaccttga	gcttgggggc	ctcgactttg	gtcttctgaa	300

tcttactgga tattgtgact gagggtgtc ggtgtgtgta cagargccc gtgatgcttc	360
ctgaaaatgt gctaaatctg gtctcttccc c	391

<210> 515
 <211> 246
 <212> DNA
 <213> Murine

<400> 515	
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catgaggtga gacctggcat ggcagggctg agtcgtgcct gctgtcagcc cctctctgtc	120
cttcccgagg ctgagggggr actcaagctc ctttcccag cagagcccac ccaccaccc	180
hgctttcaaa gccccctttg gagagttaac tgtccgtgtg aggcgctcac tcaaccaata	240
agcccc	246

<210> 516
 <211> 439
 <212> DNA
 <213> Murine

<400> 516	
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atcatcatga ggctgagtc caggaagagg aagacagagg gacagtcacg ctgatggaca	180
ggcctgctgt gtactgccct gtcattgtcc tgtgctgtgg gctctgaggg ctctgtcacm	240
gcccttctca gaggaagcaa gggggactca ttttactgtg tcccaacttc ccagatgcaa	300
cttgaaaata ttcccttaar vvtgcaacta gaccagcagg cattactttc ttggacctct	360
taaatctcac amccattatg gtggccagga agaaactgta aacaatgaca ctttgacatc	420
ccgttgtcat tggagacac	439

<210> 517
 <211> 415
 <212> DNA
 <213> Murine

<400> 517	
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ggtataaaga tccgtagcca caccaaactc tacaactgac tggttaagtgg cataacagta	180
aatagaggaa caaccatgt tcagggatta gtgagagggt ccagatgtta gaagctgcr	240
ctctcccca ctcttgtac tcaactccatc acttaatgca actaaagcgt gttcttcttt	300
ccttttchct cctatctgac aatgtatgct gatattaatt tgaagvcaat agccccaact	360
gccttgaaaa caaagaagta ttatgagttg tttgaacaca tgggkattaa aaac	415

<210> 518
 <211> 61
 <212> DNA
 <213> Murine

<400> 518	
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g	61

<210> 519
 <211> 393

<212> DNA
<213> Murine

<400> 519

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gggccttgac	gacagcacct	acaataccac	tcccacactt	gtcacagagc	ggcatcctct	180
gggcactgcc	agccccaccg	tggactttcg	taaccggagc	cctcacgctt	cgagttccag	240
ccggacggtc	atcaggcccc	tcattcacca	gacctgcag	caccctgaag	gagccccgact	300
ggcgaggagc	vgctgggtca	tcccggttgt	catggagcat	cggtacacgt	ccgactgagg	360
gggcactgaa	gcygtggggt	cattttgcag	tga			393

<210> 520
<211> 434
<212> DNA
<213> Murine

<400> 520

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ccgcrcagt	ggaaagagac	cctcctagct	gcaggggcga	aagtttgctc	ctggcttcct	180
ttggatgaag	atgtaaaatt	ctcagcccc	tcadcgccat	gcctgcctag	atgctgctgt	240
gagtcctgcc	atgatgataa	tagactaaac	ctcagaaccg	ataagccagt	atcaattaaa	300
tgttgctcct	tataagagth	gcctcagtc	tggtatctgt	tcactgcaat	gaaaccctaa	360
gtaagacact	aacagaaact	ataatcattt	gaggagaacc	acaattgaga	aatgcctcc	420
ataaaaactgg	tgtg					434

<210> 521
<211> 300
<212> DNA
<213> Murine

<400> 521

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ggtggtataa	atggaaaagt	gacaaattat	tcctttgctc	tagtgtaggc	attgctgtaa	180
ttagtagcaa	gttggaacct	taggaaaaaa	aaatctcacc	ggagtgtgaa	gatgcattct	240
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<210> 522
<211> 495
<212> DNA
<213> Murine

<400> 522

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ttacaaccat	ttgcagacgc	cataaaatta	tttataaaag	aaccaatacs	ccctttaaca	180
acctctatat	ccttattttat	tattgcacct	accctatcac	tcacactagc	attaagtcta	240
tgagttcccc	taccaataacc	acacccatta	attaatttaa	acctagggat	tttattttatt	300
ttagcaacat	ctagcctatc	agtttactcc	attctatgat	caggatgagc	ctcaaactcc	360
aaatactcac	tattcggagc	tttacvagcc	gtagcccaaa	caatttcata	tgaagtaacc	420
atagctatta	tcctttttatc	agttctatta	ataaatggat	cctactctct	acaaacactt	480
attacaaccc	aagac					495

<210> 523
 <211> 393
 <212> DNA
 <213> Murine

<400> 523
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 gaatattaca acwgacttag ccaatttaac tgctccagct gggaatacac tctaaacaga 180
 acccctacaa tcagagtcct atggetctct ctgaagagca atgtaaatca aacattagca 240
 catttctatt acctgcttaa atgttcgaag tctatccagt gtcctctgct tctcttggct 300
 aaccaggga ctttttcttt cctcttcac atgcaattg tctctcttta tttgtattgt 360
 atgatgggct ctatattcat cttcactctg aaa 393

<210> 524
 <211> 244
 <212> DNA
 <213> Murine

<400> 524
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 gtgtctaccc caaccatgct gtacgagtag tgagattaca tacttgcatc attgcacctg 180
 gcttctcact cggttctgga gwtcaaaact gggttaccgg cttgcagtag caaatgtttt 240
 tacc 244

<210> 525
 <211> 164
 <212> DNA
 <213> Murine

<400> 525
 gaattcgcta tttatatata agcgataata tgggtttgta acattagttt taaaaaaggg 60
 aaagttttgt tctgtatatt ttgttacett ttacagaata aaagaattca acattaagaa 120
 ccatgtaacc gagacacttg atctgacaca ggggcmgtcg ggaa 164

<210> 526
 <211> 149
 <212> DNA
 <213> Murine

<400> 526
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 atgcacacct tgtcaatcac tggagtagga tcattggatt caaatcataa tgtggatagg 120
 atagggagga tgaattacca ggattcatg 149

<210> 527
 <211> 59
 <212> DNA
 <213> Murine

<400> 527
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<210> 528

<211> 194
 <212> DNA
 <213> Murine

<400> 528
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 cgactctgaa actttccaca actgcatttt tacctaaaaa tcatcataaa ccattcaatt 120
 aagctaaatt aacyggtctc hgtagaaatg ctacaaatac aaaatactac ctagtcygat 180
 tttacaaatc aaat 194

<210> 529
 <211> 319
 <212> DNA
 <213> Murine

<400> 529
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 caaacacccc agaagagggc atcagatccc attacagatg gttkcagcca ccatgcgttc 180
 gggacctctg gaagaacagt cagtccctta actgctgagt catctctcca gccctggtt 240
 ctactctta agaaaaaaa gcagtagtct tagtatcaac tgtgaaaaag gtagatgtgg 300
 ttagtagtat tacygaaac 319

<210> 530
 <211> 278
 <212> DNA
 <213> Murine

<400> 530
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 agaggccgga ggtattgcat gtccctggcct gacagagcgt tgtttgtgac cggctagacg 120
 taggtgccat ggcttgtaga agaacaggat ggtcttgtct ctgtctccag ctccctatta 180
 atctatgagg gctctatctg catgaacacc tacatgccag arrrgggcat cagatcccat 240
 tacaggtggt tgtragccac catgtggttr ctgggagt 278

<210> 531
 <211> 103
 <212> DNA
 <213> Murine

<400> 531
 gaattcgaac cctctatcta ctatcggagc ctgagcggga atagtgggta ctgcactaag 60
 tattttmacg agcagaatta ggtcaaccgg tgccttttgg aga 103

<210> 532
 <211> 299
 <212> DNA
 <213> Murine

<400> 532
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 cgagagaygc agaattccaa cccactcta gacttactgg mtcagagtct tcataggctc 120
 agcccagtga cccctgaatg tagctgtgtc tgagggaggc tgttttmcca actcttacvc 180
 tccctcagtt ggscagset ttttacatc ttgacttcta atccccata tggagacctc 240
 caccgcctac atttctagga tgcctttcct cagtttcttt aaaaaaaca caaaaaaac 299

<210> 533
 <211> 289
 <212> DNA
 <213> Murine

<400> 533
 gaattcgtga tacctggctc ctaggtgacg accctcaggc gtctgaatac tttcttctct 60
 ttattacaca ggcccacatt cacaattacc gttggtagca gacgagacta gatcttcgag 120
 cccctgacaa catacatact tcaaagctag cagaatgaag atrcvaaatg actgtgtcat 180
 aaaagtatct tctgtcatcc tgatgataaa gcattccttc aactcatagt tcctatttat 240
 gtatagagcc taactccttc actgcctctt tgttctataa aagtccagg 289

<210> 534
 <211> 305
 <212> DNA
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<400> 534
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 tgagtttkac ccaatgatcc ctgatgcaga gtgtttgagg atcatgtgtg aaatcctaag 120
 tggactgcag ctgggggact ttctcattaa ggtgaggcta gtottgtaca taataaagga 180
 gaagtttgaa tttkgcctgt gaaattgtct tagtattgat ttaatgagtc aagaaattta 240
 gagatggcca ttgttttgag ggaadggcat tgattgcca ggacataggt taattatatt 300
 grgtt 305

<210> 535
 <211> 290
 <212> DNA
 <213> Murine

<400> 535
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 atttcaagt catgaacagt cagcacactg ataacagcaa gcctctaagg gatttggtta 120
 cctcactgcc tgatcagcta caaaaactgg acagagattt gattatggtta cagagcagca 180
 tatttggtg acataaaaaat gtcaccaagt gdaagcaatt agagcatccc aacctaaatc 240
 catttgcaag tcctaagaat ctacatgaga agactattga aaaatatttc 290

<210> 536
 <211> 168
 <212> DNA
 <213> Murine

<400> 536
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 aaaccactca gtactagagg atgaaccagt tttcaatgtt atcagccctg gaaaaccgcc 120
 cagctcccdc cccagcaca ttctattttg ttttaacatt ttataaat 168

<210> 537
 <211> 275
 <212> DNA
 <213> Murine

<400> 537
 gaattcgagg aatatcaact tagtgctatt ttcacatcgt tcagtcaaac ttagccagag 60
 ttccaacccc tactttaaata tcaactagaa agttacctac caagtactaa ttagcattat 120

aamgtcagag cctgcagctc caggcctttc agttagttgt ttactagaaa ggacagtctt	180
aagccagata cagttttctca taagaaagtt aaagaatcca gtgaagcaag ttttttcttt	240
agccctagat tcccggcaga ctattgagca tagat	275

<210> 538
 <211> 113
 <212> DNA
 <213> Murine

<400> 538	
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<210> 539
 <211> 220
 <212> DNA
 <213> Murine

<400> 539	
gaattcgtaa atggcactgt aaaagggcat ttatcaacat aacaatgtaa cacctaacag	60
aaaagtgtga attcgggcat agaaaaattc aacgtttaat ttgttaaact taaagctgtc	120
actggatata gaaaaataaa ttaacttaga ttactttaaa gatctactgt cagttaaacc	180
tccacatatt ttttttaata atttaaccag cttgtctaaa	220

<210> 540
 <211> 156
 <212> DNA
 <213> Murine

<400> 540	
gaattcccaa agtgggagga atgttaacac ygcgatagac accaagaaag agagttgggg	60
gctagagaga ggctcagtgg ttaagagcac gactactctt ccagaggtcc tgagttcaat	120
tcccagcaac cacatggtgc tcacaacccat ctgtaa	156

<210> 541
 <211> 187
 <212> DNA
 <213> Murine

<400> 541	
gaattctgca tatcacatag ttaatccaag tccatgacca ttaachsghe cctchhmetc	60
cttctaacat caggtctagt aatatgattt cactataatt caattacmet ataacccccg	120
cctacwcacc aatatccyca caatatatca atgatgacga gacgtaattc gtgaaggaac	180
ctaccaa	187

<210> 542
 <211> 92
 <212> DNA
 <213> Murine

<400> 542	
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aaccaccgta tagataaagg atagaagaat tt	92

<210> 543

<211> 104
 <212> DNA
 <213> Murine

<400> 543
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<210> 544
 <211> 366
 <212> DNA
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<400> 544
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 gacttcagac cttagcctaa gcttctgttg aaaaacatgt ccccggttg aaaaatgcta 180
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 gcttaggttg gtctttaact tgcagcagtc ctcatacttt ggctctttca tgctgggggt 300
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 gagaac 366

<210> 545
 <211> 447
 <212> DNA
 <213> Murine

<400> 545
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 atgcagaatt cagaggtatt ccaggacctc ttcactgagc taaavcggta ctacacaggg 300
 ggtaacgtca acctggaaga gatgctcaat gacttctggr ctcggtcctt ggagaggatg 360
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 tacacagacc agcgaagcat ttggaga 447

<210> 546
 <211> 372
 <212> DNA
 <213> Murine

<400> 546
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 tgctttcaca ttagaagcgg ttgctgcagt caccattccc gcctcttcag tgtctacttg 360
 tttttcagcc tt 372

<210> 547
 <211> 372
 <212> DNA
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<400> 547

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gtgggcacag	cgcccaccta	ctcttccata	tgcagttgtc	tgcataattg	tgcaaatgag	180
aaaaaaaaa	gtttattcaca	agaagaaatg	tgtagcgtgt	agagatggct	taatttgagt	240
tcttcgggca	ggccggctcs	ctgggggctt	tcttcatctt	ccctactgac	ccccatcaca	300
aagggatgaa	gatgcccgaa	tgccagggaa	gggctgcttg	gtccctggca	gggccactga	360
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<210> 548

<211> 313

<212> DNA

<213> Murine

<400> 548

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gaaatgttag	agaccacagt	aggacaggt	gaaagtctgt	tgcttcacag	ggctctgacac	180
tgatggagca	gattgtgtca	acaatgtgtc	acaggaatgg	aaagaatgtg	ccctgagccc	240
acctccccac	cccaccccaa	aaaaccccat	aaaacccaaa	atcaaataaa	tgaataaaca	300
cacacacaca	cac					313

<210> 549

<211> 283

<212> DNA

<213> Murine

<400> 549

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aaccacgcag	ttctttttgat	ctctacctgg	kcccaacggt	aaggtgtagg	ccagctcagc	120
catgcctggc	tttttcatgg	gcacagggag	attcaagccc	tcatgcttac	acagcaagca	180
cctgtagaat	tttaattccag	caacatggct	gctccagcga	gggatcacat	ccaaaggcct	240
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<210> 550

<211> 342

<212> DNA

<213> Murine

<400> 550

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actgttcttc	atgccgtttc	tgcagcgtaa	sagcaaacaa	atccacaaac	ttagacaccc	180
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gttcaaatcc	cagcaatcac	atggtgggtc	atgaccatcc	gtaatgagat	ctgacccctt	300
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<210> 551

<211> 373

<212> DNA

<213> Murine

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gtcatgggat	cgctgggtaa	agacaatagt	aaagacggca	tgggagcggc	tgctgggtctc	180
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gtctgcatag	gaagtcacag	ccagttttaga	caggtcttgc	acgtacgggc	ctaggatggg	300
gtgtccccgg	acccgcagag	agccccgact	cttggggggt	caagaggtct	cgtacycctc	360
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<210> 552

<211> 474

<212> DNA

<213> Murine

<400> 552

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gtaaggctgt	gtaagatttg	tttttaaaact	gtacagtgtc	tttttttgta	tagttaacac	180
actaccgaat	gtgtcttttag	atagccctgt	cctggtggtta	ttttcaatag	ccactaacct	240
tgacctggtac	agtctggggg	ttgtaaattg	gcatggaaaat	ttaaagcagg	ttcttggttg	300
tgcacagcac	aaattagtta	tatatgggga	cagtagtttg	gttttttggt	ttgttttttt	360
ttttttttct	tttggttttc	ttttttgggt	tttatttttt	ttcatcttca	gttgtctctg	420
atgcagctta	tacgaagata	attgttggtc	tgtaaactga	ataccactct	gtaa	474

<210> 553

<211> 500

<212> DNA

<213> Murine

<400> 553

gaattcaaac	tagaacccaa	gtcacagcat	tttcccacat	aactctgagg	ccatggccca	60
tccacagcct	cctgggtccc	tgactaccc	agtgtctcac	tggctgtgtt	ggaaacggag	120
ttgcataagc	tcaccgtcca	caagcacgag	gagatatctc	tagctttcat	ttctgttttg	180
catttgactc	ttaacactca	cccagactct	gtgcttattt	cattttgggg	gatgtgggct	240
ttttcccttg	gtgggtttgga	gttaggcaga	gggaagttac	agacacaggt	acaaaatttg	300
ggtaaagatg	ctgtgagacc	tgaggaccca	ccagtcagaa	cccacatggc	aagtcttagt	360
agcctaggtc	aaggaaagac	agaataatcc	agagctgtgg	cacacatgac	agactcccag	420
cagcccggga	ccctgctgtc	ttctcgactc	ttagggcggt	tctttccatg	tttggtgtgt	480
ggktttagtt	ttggtgagcc					500

<210> 554

<211> 233

<212> DNA

<213> Murine

<400> 554

aaagtattgt	gttaactcat	tagtctggaa	aagcaactaa	aaaagttag	tgtaaataca	60
atagaatgcc	atatttggtt	ataaaaaagg	aggtggactg	tgtgactgac	tgtgatacag	120
taggggtggc	agggcgaggc	agccatcatt	acgtgtgagc	agcgacctca	ctgacactac	180
actgctgaac	ccaaacagta	gagcagcaga	tgccatcag	gagacctgca	cag	233

<210> 555

<211> 195

<212> DNA

<213> Murine

<400> 555

tgccaagtag	cctacactgg	ctttgctgtg	gccctcctac	atttgtctcc	tctgtgctca	60
------------	------------	------------	------------	------------	------------	----

aagtatatga gtctgttatg gatattgctg gctgtaaaaac aacataaata atcactttta	120
gtgatatttt tgctatacat gttgaacaca aaagctttac atgctttgat cagtctggat	180
taattgcgat acatc	195

<210> 556
 <211> 201
 <212> DNA
 <213> Murine

<400> 556	
gcgcccggtt tttttttttt tttttttttt ttttttagta gaaatatttt attggtgaga	60
ccccaccatc tgcacaaagt ggtcctggaa tcaagctcct tcctccttgg caatgcgatc	120
tttcttgagt ggtccataaa tgtttcttct ctcatggctg gagcgacatg caattgagtg	180
gtcatgacta gatttcaggc c	201

<210> 557
 <211> 188
 <212> DNA
 <213> Murine

<400> 557	
cgggctcgag cgccctttt tttttttttt tttttttttt tcgtgactta caacctttta	60
ttagtgaaag tgaccatggg ttcaaataag tgtgattgct ctgctccgct cgctctggga	120
gcagtgttct tttttttttt aattcaagat gactaaaaaa gtcactttca agtgactgtg	180
tgtctgag	188

<210> 558
 <211> 227
 <212> DNA
 <213> Murine

<400> 558	
gttcatagaa aagtactcaa ttttttactt gcaaagcagt cctggggttaa ggtaagtttt	60
atatgtgtgc actgttacaa agtttgcttt gtagatggag agcccgatac accgtatttg	120
aaaaaaggta gaaagcagaa atgatagatt ctgataccta ggaagttaga tacagatttc	180
agtgatatgt catatgcatg gatgagagta aatactatta atatcag	227

<210> 559
 <211> 90
 <212> DNA
 <213> Murine

<400> 559	
gttaacagca actttattat tccatgatga aaaaagttgt agttgttgat gcattcacat	60
aaattacaat agtggaggat cataaattac	90

<210> 560
 <211> 199
 <212> DNA
 <213> Murine

<400> 560	
caggaaggct gtcccacagg aatataagtg aggcacaaat gttattttta tatttccagt	60
atgatgtgta gggctgggga ggagggacgg gggaaatggc tcagaagata aaaaaccgct	120
caacaagcct gacaacatga gttcaatccc aggttaggaag aactgactct atagctgtct	180

ctgacatcat gtttgtcat

199

<210> 561

<211> 188

<212> DNA

<213> Murine

<400> 561

ctggtactgt ggcctccgt gaaatcagac gctatcagaa gtccactgaa cttctgatcc	60
gcaagctccc ctttcagcgt ctggtgcgag aaattgctca ggacttcaaa acagatctgc	120
gcttcagagt gcagctattg gtgctttcga ghaggcagtt gaggctattt ggtttgaaga	180
tacaatct	188

<210> 562

<211> 174

<212> DNA

<213> Murine

<400> 562

gaaacaggag gggtcagtct gtcagaaaaa gttgacagtg aacttaaaac tttagaacaa	60
ttatcttcat tttcttctga tgaggaagat cctggctcgt gtggccatga tatctataag	120
aacacctctg ctcccttact gtgttgatg ctacttcgat aaacaagaaa cttg	174

<210> 563

<211> 166

<212> DNA

<213> Murine

<400> 563

ccgtctaagt gccagcaca tgactacagc tttgtcacat cctggctcta tccaagctgt	60
ctcacctcat ctgccacag ttcttgggct gcagaccaga ctgtttctgc aggcttgctc	120
ctgcctctct ggcttcactc ttgtaccctt ctccccaata ttctct	166

<210> 564

<211> 121

<212> DNA

<213> Murine

<400> 564

gcaactaaaa aagtttgtgt aaatacaata gaataccata tttcgatata tataaaaaag	60
gaggcgagct gcgtgactgc tgtgcatcag tcagggtggc aaggcgagg cagcatcagt	120
t	121

<210> 565

<211> 270

<212> DNA

<213> Murine

<400> 565

aaagaaaaca ttgtttctta atttgaacg ttaaagtctc ctggaactcc tacttcta	60
gaaaattgca aattagatag agagaaagag agagagaatg aatacatcta tcaatagaac	120
cttgtacatt tatcatgtat aaggctatca atcatatctg aggctagact cttagaatta	180
ctctgagcct attctcctct cggcatgaca ctgatgcaca tatacatagc tgtctacttc	240
ttctagctac tgacttatat atatatgtgt	270

<210> 566
 <211> 156
 <212> DNA
 <213> Murine

<400> 566
 ggtgagcagc gctgcctgaa gctgcgggca ttcccgatca gaaatgagcg ccagtcgtcg 60
 tcggctctcg gcaccgaatg cgtatgattc tccgccagca tcgttcggca gtgcgtcgac 120
 agacgccgct tgttctgaag tgcagtaaag cgccgg 156

<210> 567
 <211> 231
 <212> DNA
 <213> Murine

<400> 567
 ccaactaaag gaatgcctg aaaaaatgcc cagaactctc caggaacttc gtgtccatga 60
 gaatgaggat caccaagctg cggaaatccg acttcaatgg actgaacaat gtgcttgta 120
 tagaactggg cggcaaccca ctgaaaaaac tctgggattg aaaacggagc cttcaggact 180
 gaagagtctc tcatactcgc atctcagaca ccaacataac tgcgatccta g 231

<210> 568
 <211> 206
 <212> DNA
 <213> Murine

<400> 568
 cagtgcatac aggtccatga ctgggtccag gtccctgcctg ggctgctcag cgaagagttc 60
 gccgatggct cgtaggcgtc tccagtgaag gcaatggctg attcagaccc acggagaagg 120
 cctgctgatac cagctcaaaag gcttggccga gaccccgga gactccccac cttctgatac 180
 tccttcttga aagccagtca cctctt 206

<210> 569
 <211> 262
 <212> DNA
 <213> Murine

<400> 569
 ggagatggct tagtggataa gactacttct atgcaagcat gaggacataa cctcagtaaa 60
 aggtgagca tatccgtgtg tacctataac aagtatctgc agttctcagg aactctctgg 120
 gtaatcaggc taactaaaac agtgaactgc cacttcagtg agagaccctg tctcaaggca 180
 acaagacaga tagtaataga gggagacacc aatgtctctg tgttcaaaca cacacatatg 240
 gaggcattgtg gttaaattga ct 262

<210> 570
 <211> 219
 <212> DNA
 <213> Murine

<400> 570
 cagcgacaga cggacagact ctccgggtgtg cactctcagc ataaaagctg gcaggctgac 60
 agaggcaacc tcaggacgga cttctgtgtg actgaccatt ttctgtgtg ttactaggat 120
 cgtgtgtgga cgtgagatca ccatgagctc cgttgacagt tttgacccaa gagagttttt 180
 ctgaacatcg aagtgggctg gttccacaac aaatcaagt 219

<210> 571
 <211> 167
 <212> DNA
 <213> Murine

<400> 571
 gtggacaaag cgttcccatc gcttacggga gtgtctgccc aagatatcgt tgaaacgtgg 60
 atctaattca atgttgtact tgtcaatata gtcataataa tcttctgttc ccagaacctt 120
 ggctatcctc accaacctga tcataattgg ctcatgtcca tggaaaa 167

<210> 572
 <211> 230
 <212> DNA
 <213> Murine

<400> 572
 cagctctcca ccattgagct ggacagctgc tgtgaccag gctgctgaga acgccacctc 60
 agctctgttg agggagcagg aaggctcacg tccagctccc ctcaggcaca gatctcctgg 120
 caatgaaagc gccatctctc cagcaagccg tggagatgcg gctgaagatc aggttcataa 180
 gcttgggctc aaacttctta aaaattaaag gcaaaaagaa gaaactagct 230

<210> 573
 <211> 237
 <212> DNA
 <213> Murine

<400> 573
 cgctgcgcgc tgtccttaag gctctcctcg gtgtccacgg ctccctcttt ccttgctttg 60
 cagcgatcct actgccagaa attogccatg tctattctca ggatccacgc cagagagatc 120
 tttgactccc gtggaatcca ctgttgaggt cgatctgtac accgcaaaag gtctcttgag 180
 ctgcggtgcc cagcgtgctc actgactcta cagcctagaa ctcgagacat gataaga 237

<210> 574
 <211> 231
 <212> DNA
 <213> Murine

<400> 574
 gatccacttg gatggccgca cgtttttacat tgaccataat agcaaaatta cccagtggaa 60
 gatccaagac tacagaaccc agccatcact ggtccggctg ttccgtactc cagagagttt 120
 aagcagaaat acgactactt taggaagaaa ttaaagaagc ctgctgatat tcaaacggtt 180
 tgaaatgaaa cttacacgaa acaacatatt tgaagagtct atgcaggatc a 231

<210> 575
 <211> 143
 <212> DNA
 <213> Murine

<400> 575
 atgaatttgt ttggttggtt ttgtttttga gacagggttt ctctgtgcaa cagccctggc 60
 tctctggaa ctactatgt aaataaacta agctaagctg gccttgaact cacagtgaca 120
 ggcctttaat ctcagcactc aag 143

<210> 576
 <211> 113

<212> DNA
<213> Murine

<400> 576

ccatattgaa ttagatatct tatttcagga catccatgtc aaaataaaaac aaaagagtca	60
atccttgcaa caataatgtg tattcattaa aacgcatttc acaatcatcc cat	113

<210> 577
<211> 168
<212> DNA
<213> Murine

<400> 577

gctttggtaa atgtggcact aaatotttagc attaattgga taacacacaa agacagtacg	60
aggcagaacg gaataaaaatg attggaaaac gagctaacga aaggctagac tctgttacaa	120
agcgtaaagag cttcaggaaa tcaagataga tagaaaatat gatgatgc	168

<210> 578
<211> 245
<212> DNA
<213> Murine

<400> 578

atgaaatatg tggaaacatc agctttctcag ttttggaat taaacagtaa gtcataaagc	60
tcagataggg cactagcttt gtagtgccat gaacagcagc atcaacataa agtttggtc	120
ttgagagcaa accaaggagc acgtttgtaga cctgatgtag gaatactgtt atatctggac	180
tgagtggaaag gtcacggttg ggatgtgcaa gactgtgacg acacttgcca tgatcgttgg	240
atagg	245

<210> 579
<211> 108
<212> DNA
<213> Murine

<400> 579

gggccgtggc agagcgcgga gaggcctgcg ggtggcagcg gcgggcgggc ccgtcgggac	60
ggagccgagc cgagccgcgc cgcgtctgc tccgagccgt aagccctt	108

<210> 580
<211> 213
<212> DNA
<213> Murine

<400> 580

gccccccaga cctettgaga gtcacctagc catcaatgga actccaaccg gcagagcaaa	60
tctgagtctg actactcaga tggggacaat gacagcatca acagcacctc caactccaat	120
gacaccataa actcgtcga gtctcatcac gggacagcct cggaacagac actcagcaag	180
cagacatacc acaggagacc gcacagctgg act	213

<210> 581
<211> 153
<212> DNA
<213> Murine

<400> 581

gagcaactca ttgctgcaaa attctgtttt gctggccttg ttatagggca gactattgtg	60
gacatcatga gtcatgccac acaagctatt tttgaaattc tggagaaatc ctggctgccc	120
caggactgta cgggttgata taagattgaa ttt	153

<210> 582
 <211> 155
 <212> DNA
 <213> Murine

<400> 582	
ctggttccct gggaggccag gagactcaga tctctggagc tagagttaca ggtggctgtg	60
agctgctaaa aagcgggaac taagccacag tcctttgtac atatcttgta cttttgcatt	120
tatacaaagt aagaaattcc tcaactctctt aacag	155

<210> 583
 <211> 229
 <212> DNA
 <213> Murine

<400> 583	
cttcccaaat atgagagggt caaggaactg tgccagcaag ccagatacca gacagcctgt	60
gagcagcctg ggcagaactg gcagtgcac gagcacacat ccggcaagct ccgaatccac	120
aagtgtgaagg gaccacagca cctgtctcag gtccgtcaga atgcacgcaa cctctactct	180
cgcggtattgc atgacaaaga caaagagtgc attgtaggga ctctgctat	229

<210> 584
 <211> 215
 <212> DNA
 <213> Murine

<400> 584	
caggatttct ttgtgtagtc ctggctgtcc tggaactcac tccgtagacc aggcttgaac	60
tcagaaatcc aactgcctct gcctcccaag tgcgtgaatt aaaggcgtgc gcaccctgc	120
ccattgcctg aactcttttt atgtcagttc tttgtctccc actagaaaga atgttgcagg	180
accctctccc cattgccaca aggtcagaag actct	215

<210> 585
 <211> 230
 <212> DNA
 <213> Murine

<400> 585	
gggatatcaa aaaagttaa aagcgaaact tgagctgcct gaaattcctg tgacaaaaga	60
tgatgtagaa gattcagact cagaagttag tgaatttttt gatagctttg atcagtttga	120
tgaactagag caaacttttg agacttactt gctcatggaa gatcctatca tagggaagtc	180
atcacagaag atagggcaca atatgaaaac tgatgatctc agaatcagtt	230

<210> 586
 <211> 212
 <212> DNA
 <213> Murine

<400> 586	
acgcttttagt tcaggattga acggagcata cacttcttcg aaacaaagct tattttattct	60
tgagcagcca cacattggtg cactctggtg caggaaactgg gaattcggga aaagtgggtg	120

tatctctggt aatggagget gagacatgcc tggtcacott ccaggaccat gacaggcctg	180
actaatgaga gggcaaaggg ccttgagact gg	212

<210> 587
 <211> 212
 <212> DNA
 <213> Murine

<400> 587	
aagatttatt ttacttatga gtacactgta gctgtacagg tggttgtgag ccatcaagta	60
gttgcctggga attgaactca ggacctttgc ttgctccagc cccactcatt ctggcccaaa	120
gatttatatta ttgtttatgt gagtatattg tagcgtgtct tcagacacac cagaagaggg	180
attcagactc attacagatg gttgtgagca ca	212

<210> 588
 <211> 193
 <212> DNA
 <213> Murine

<400> 588	
ctgtattgtt attttttctct cactacctcc cggggtcgga gtgggtaatt tgcgcgctg	60
ctgccttcct tggatgtggt agccgtttct caggtoctc tccggaatcg aacctgatt	120
ccccgtcacc cgtggcacca tggtaggcac ggcgactacc atcgaaagtt gatagggcag	180
acctcgaatg ggt	193

<210> 589
 <211> 226
 <212> DNA
 <213> Murine

<400> 589	
acaaaactca aagtcttcca actgatgtgg atgtcctttg atgtaaaaca ttcgtacggt	60
atttgcctatc attgctctct gcacactctg tcaccaaagc cacaggattg agtgacacat	120
ctctccaagt taaaaaatat ccattttcca ccaccaagtc tctgcaggtc tccttttgct	180
catactagcc tttcatgcct ggaccaccat catcacacag ttcaag	226

<210> 590
 <211> 243
 <212> DNA
 <213> Murine

<400> 590	
ctctctgtta ctgttctcta tattcagatg tcaactataaa atattttcaat attccaatga	60
attcctatct aaaacctaga atgcaaaaag cacacagaac aaattgccat tcctttcttaa	120
aatccactct ttctgcacta acttgcttct acttcaagta aaatttgttt tcaaaagcca	180
ctgatcatat atacttttaa ttacttatac ttagagacac acagctaagt ctagatacat	240
gag	243

<210> 591
 <211> 261
 <212> DNA
 <213> Murine

<400> 591	
ttttacagag gtgctaggaa tccaaaacttt ggtccttaca ctagtgcaaa aagcactttc	60

cttgtccagt catctccctg cctttgcaca ctgcgatttt ggcacacctg accaatgcta 120
 cctgtgacct agattttctga ctgctatttc cctttgttca ttttaggccca gaaacagaaa 180
 cagaaccagt gcagacaggc tctacctgtc tggcagtata cacttgctat gctcacatct 240
 atgcatactc agagactagt g 261

<210> 592
 <211> 274
 <212> DNA
 <213> Murine

<400> 592
 gttcgtgtcc agtctgtatg aatgaatggt ctatgttttg tgttggataa taaagatggt 60
 ataaaaaact ttatctgcaa agccgagagc tgccacgtgt ttcagccagg aatcagacac 120
 gtggcgagag ggcccctcgt ggaaaaaact gttcgtttta ggaaataggg cgagtgcaca 180
 gcctctagt cagagtaaaa gctaataaat gtctagatta atgtgttgca atgtaagggt 240
 ttattatgat gagctcaaaa tatatcctga tgct 274

<210> 593
 <211> 252
 <212> DNA
 <213> Murine

<400> 593
 caaatactag taaacctaca cagtgtgcac ataataacag acatatttgc tttcatatgc 60
 ggagtgtgta tatatttgag gttttcttct ttttttctct ttctctttcc ttctgtttct 120
 ctctctgtgt ctccctctct gtctctgttt ctgtctctct cttttttgtc tcccgttcat 180
 aaagtctact gtgcagttct gactggctga acttcgtatg tagacagggt gttcaaatca 240
 gagatcacat ga 252

<210> 594
 <211> 246
 <212> DNA
 <213> Murine

<400> 594
 cctataggtc tgcagacct ttcttctcct tgggtacttt ctctagctcc ttctttgggg 60
 accctgtgct ctgtccaatg gatgactgtg agtgtccact tctgtatttg ccaggcactg 120
 caaagcctca caagagacgg ctatatcagg ctccgtgcag caaaagcttg ttgacatctg 180
 caatagtgcc tgggttggtg gttgtttatg gatgatccga gtgtgcagtc actgatgtac 240
 ttctcg 246

<210> 595
 <211> 246
 <212> DNA
 <213> Murine

<400> 595
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 acttcagggt ttcttcccca agacaaaaca ctaatctgtg tgcatattga caattcetta 120
 caattatcag tcaaagaaat gccatttaaa attacaattt ttttaatccc taatggatga 180
 ccactatcaa gatgtatact tgccgtgaac agtaatgato tctatatcta gcacagtagt 240
 attaaa 246

<210> 596
 <211> 213

<212> DNA
<213> Murine

<400> 596

gaagttccag	tgggctttta	ttgagataaa	ttaacaaaaa	gaaacaatca	agattttacc	60
aaccatcttt	tctgaatgaa	ccatgtatat	aactccttaa	agactcaggt	ccatagacat	120
gcacatacac	tgtaacacat	ccaacaaaac	agaccctccc	actggaacat	tgcataacag	180
aagcatttct	tccaatgttc	aatttagtct	act			213

<210> 597
<211> 256
<212> DNA
<213> Murine

<400> 597

gcccacttta	tgagcttctc	aacccttcct	gaaatttcaa	tcccaaaatt	ctgaattccg	60
agatcaatag	gaagacattg	taggaaggct	caagacagaa	taaagctgga	ggctcagtgt	120
ccatacattc	acttgagccc	acactttggt	gaccctctac	cagctgtaaa	acacaagatc	180
ctctttcctc	ctgctgccag	attcatgtct	gacatcagaa	actatcgata	gactagactg	240
agtctgagac	ctgaga					256

<210> 598
<211> 234
<212> DNA
<213> Murine

<400> 598

ccagggttgt	ggggacacag	atgagggctg	ggaggggggg	aacgcaagag	ggcggggggt	60
ttcttcacga	tcgcactgga	agattttata	agagtttttg	gggggggggac	agtaaagctc	120
tgagccactt	gggttcttca	ggagtttctc	ttaggagttt	ctcttaggga	aagttttttt	180
tttctctctt	tttaatatat	aactataata	tatatgaata	taattgctaa	tgtt	234

<210> 599
<211> 167
<212> DNA
<213> Murine

<220>

<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 599

cttcctgtc	agttctggag	tttgtatgaa	ttctctgatg	tcattgctg	taacctcaag	60
ttattcctta	atgtagaatg	tctgcttggt	actttttgtt	atttggtgtt	ctttgttatt	120
gatgttggtc	ccttngtctc	aaaagatgaa	tgacctggag	aaggaat		167

<210> 600
<211> 170
<212> DNA
<213> Murine

<400> 600

cacaatgtct	atagctgcaa	ccctgcttcc	cacagtgaag	tottcccgtt	ccttattttcc	60
aaaggtagtt	cagagaggtc	agacatcttg	cccccaaagt	cctgacccat	acttagccag	120

agaactaggt ccataaataa atctacttgg ccctaaagca aaatgcccc

170

<210> 601
<211> 204
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(204)
<223> n = A,T,C or G

<400> 601
ccggctcgag cggcnntttt tgtttgtttt ttcttttctt tncctttttt tttcctaact 60
ttttttngag ggggggatgat agatttttta agtttcccct gttttcttga tatttggaat 120
tctggcctac ttcactatta ataacagtag aagcagtagg agatactggg ttgggaattt 180
gaagttggct tgagtttgag tctt 204

<210> 602
<211> 212
<212> DNA
<213> Murine

<400> 602
ctagaactca gtcttgggtt tgaactaact ggtttgagtt aactttgctg ttaacaaaca 60
ggagtctata ctttgaggaa tatcaaagct ataaacttca gaccatttcc ttaattcac 120
aggcatccaa acaggatggc cttcaacatc atgggttcaga ggtctactcc aagtatctag 180
gtctttgtaa ccagtctagt gaacaatatt tc 212

<210> 603
<211> 187
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 603
gcggccnttt tttttttttt cccttttggt tgttttaag ggcataagat gcgattgaac 60
tttgaggggc cttctgctta ttagataagc atgggtctctg tcctaaaaaa cagcatctac 120
tgtgtactga catttttagt tctgtggacg aagtaaagtc agcatttggt ttgggggaga 180
acatttt 187

<210> 604
<211> 232
<212> DNA
<213> Murine

<220>
<221> misc_feature
<222> (1)...(232)
<223> n = A,T,C or G

<400> 604
tctccttccc cgccaccgnt gtcagaagct catcgagggtg gatgacgagc tcanncgcac 60
cttctatgag aagcgcacatgg ccacggaagt agccgctgat gctcttggtg aagagtggaa 120
gggttatgtg gtccggatca gcggtgggaa tgacaagcaa ggtttttccc atgaagcaag 180
gtgttctgac ccatggcaga gtgcgcctct gttgagtaag ggcattctgt ta 232

<210> 605
<211> 178
<212> DNA
<213> Murine
<220>
<221> misc_feature
<222> (1)...(178)
<223> n = A,T,C or G

<400> 605
aagagtttga gacagcggag actctgctga actcgggaagt ccacatgctt ctggagcatc 60
gaaagcagca gaacgagagc gcggaggagc agcaggagct gtcggaggct ttcataaaaa 120
ccctcaacta cacggcncgc ttcagccggt tcaaaaaaca gagagaccat tgccagtg 178

<210> 606
<211> 200
<212> DNA
<213> Murine
<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

<400> 606
taaatttcaa aaaaagaaaa aggtagaaat tgaattagca agagcttaag ttttcttta 60
acatgctggc cagggcngca gtggtggtgc atgcctttaa tcccaacact tgggaghcca 120
gaggaggcag atttctgagt ttgaggccag cctacagagt gagtttcagg acaacctggg 180
ctatataaag aaaccctgtt 200

<210> 607
<211> 173
<212> DNA
<213> Murine

<400> 607
ggcttactag gagggatgaat acgtaggctt gaattaatgc tactgcaaat tctagaattg 60
tgagtagaag taaaataata aatgtaatgg tagctgttgg tgggctaata tttattaata 120
ctagagtagc tcctccgatt aggtgtatta ataagtgtct gcagtaatgt tag 173

<210> 608
<211> 206
<212> DNA
<213> Murine

<400> 608
taggcctttt cctttctttt actccctagc catagggtga gtctcctgca ggttgattcc 60
tgcaggttgt tctctcactc ctgcagtgtg catgtcctgg tgtgtttata cacacatata 120

tacatcatgc accatacata tacatacaca catacatata tatatgcaca cacatacatg	180
tgatgcatac aaaatTTTTt ttaatt	206

<210> 609
 <211> 257
 <212> DNA
 <213> Murine

<400> 609	
ctttactact gagtcaaact tccagcctct agtcttaata taaagaacat tgtttcttgt	60
gttaacacag aatattgata gttctaagtc agatttatca tgttcaaatt tttatattag	120
ttaattatgg aaaaagaatg ggaagggctg taagaaacac taaatccaca gacaccttaa	180
aatactatga tagtaatttc atcaaattggc cagtgtggcc atattagaga aaagcagtaa	240
attggagagt acaagag	257

<210> 610
 <211> 246
 <212> DNA
 <213> Murine

<400> 610	
atggggcacta cttgaggttg tatataaaca aaaatgacac gaggaaactc ttgatttcag	60
tttcaaaggg gagaactaca tgtactacag acaaggacga gagggtgaaa gagcagatct	120
ttagcatcaa ggactgaatg gcaactggtgc tgccaacata tggaagtgtg gatagctgaa	180
cagaagttag cagctgccga gccagatgca aatgatgttg ttcttccaga gtgcaaggat	240
gagtcg	246

<210> 611
 <211> 178
 <212> DNA
 <213> Murine

<400> 611	
ggcccatTTt ttaggcttgt gttttagcaa agtatacctg cgtggccatc ttgtccacgc	60
caatgcagag gtccataaaag gactccctct attctctatc cctgtggacg taaagacact	120
ggcatctctg ttaccttctc ttccctttgc aagggtttac ttggatcttc agagaaaag	178

<210> 612
 <211> 218
 <212> DNA
 <213> Murine

<400> 612	
cactttttat ttttgTTTTt ttacagttag atttttttga cttcagctac accatcttcc	60
tactgtttcc cttgaaatcc catcctgctt ttctgtaca ctaccctca caaaccacaa	120
gccgcagcaa catggatgcc cagtctggag cagcaacagc caggatgacc tggagccagg	180
ggggccttcg gaacagatgt ataccttctg gtgagttt	218

<210> 613
 <211> 238
 <212> DNA
 <213> Murine

<400> 613	
cattcttcat gtctctaaac ctttttttta aacaccttgg gggaggttgt attctggcat	60

tttaaataaa aataagatgc ttgatgccag aatgaaataa tagaaataat gcctcctgtc	120
cctgacccat gattcagagt accttttccc tggcaaagta ccctggtaac attttaaaac	180
acacctaaca tgtcaacatg tcaatatgcc atcaaaaacc cacaaattaa tcgatttt	238

<210> 614
 <211> 214
 <212> DNA
 <213> Murine

<400> 614	
tcctcttcat atttgtcttc cttctgagag tacttctcag cctgagcctc cagtgattca	60
agttgttctg caccgttttc aattcttctt caagctcggc acatttgcct tctgagagct	120
cagcccgctc ctctgcacgt tccaggtcgc tctcgatgat gaccagctta gggccacctc	180
ttcatacttc cggtcagcat cttcagcaat gtgc	214

<210> 615
 <211> 154
 <212> DNA
 <213> Murine

<400> 615	
atttttaggga aaatgggatt gactctctga actcaacaaa actggaattt tttttttccc	60
cagaagcgag aaatgaaaag agaagggcct aaggaaagca gaaggcggcc tgaagtgaca	120
atacctttaa aaaactctta tctctgtgtg gggg	154

<210> 616
 <211> 106
 <212> DNA
 <213> Murine

<400> 616	
cgggagggcg gcgcggcacg ggcccggctg ctcccgcgcg agctgctggc ccgcacgctg	60
ttcctgacag ctgggccttg gcgctctcgt ctcagccgcg tcccgg	106

<210> 617
 <211> 240
 <212> DNA
 <213> Murine

<400> 617	
cactcttctg acttagaggt tcagcttgat gctaacatga aaccaatgcc ctttaatagt	60
gaagcgacac caactgaaga tggagctcaa ttacggttta agcaagtagg agtcagcctt	120
acagatgatt tgatgaatca gttgctgaag ggaaaagcca agaggtattt ccaggggcaa	180
attgagttag agactggcca gccacccatg gagttaagaa gaagacaact gtaccttctg	240

<210> 618
 <211> 244
 <212> DNA
 <213> Murine

<400> 618	
tttgaaagtg aaaagacttt tattccacat ttggagccct tacagaggaa catggatgga	60
gagctacagg tggttcactg tgacttcttt aaaatggatc ctagatatca ggaagtagta	120
agaccagatg tgagttcaca ggcaatatat cagaacctgg gaataaaaaga gttccttttc	180
agcaggtggt cctataaagt attggaatcc taccatataa actgaagacg atactttgaa	240

attc

244

<210> 619
<211> 257
<212> DNA
<213> Murine

<400> 619

ccaggaactg	tccagtgaag	agataaagtc	ccgtgtttga	aactttaaga	acttttaaaa	60
taaagactgg	aaatgggaaa	actgatagaa	tttaaaatca	acagaatgta	ttcctttgac	120
aattctcccc	atagctttat	tcttagcact	caaggtctag	gcaggaggtc	tgctcgtaagc	180
ttcaaggcag	cctgtactat	acacggaatt	cagattacca	caatgagctt	ctatctcaaa	240
cacataagct	ttcttttc					257

<210> 620
<211> 243
<212> DNA
<213> Murine

<400> 620

tttttataag	actggttctc	actgtagctc	tggttggcct	gaaactcact	atgtaaaacc	60
agatgcagag	gacaacaggc	tggtcttgaa	ctaagggacc	atcctgcctc	tgcttcccaa	120
aggctggatt	acaggtgggt	gccaccacac	ctggtttaaa	tcgagactaa	aaaactgttc	180
tgtcttttag	gtaatccaat	tattcagaat	agacctcaag	tctctaaaga	ggattttgat	240
ctt						243

<210> 621
<211> 219
<212> DNA
<213> Murine

<400> 621

gatggggaga	gtcacatgag	tccccctctc	cacctttgcc	tcagtaatct	tttccatact	60
ctctgacgag	gcatgagggc	agaccttagc	ctttaaagcg	ccacggttca	tttatgtgtt	120
gaaaagaaaag	tacttgcgta	cttgtgtctt	ggctcctcag	cctgcttcca	caccagctga	180
cagtgggtac	gtgagccagg	ctgctggaga	ggcatatgg			219

<210> 622
<211> 224
<212> DNA
<213> Murine

<400> 622

ttggattaga	atatacactc	tgaaaacctg	cagcgtggct	cggtgcctgc	tgccgcatct	60
gaaacctga	agaaaatctc	tggtgggaaa	cagatgggtg	aagaagaaaa	aagtgtgtgt	120
gtgtgtgtgt	gtgtgtgttc	tctgagtttt	ggttggagga	ggtacttcac	agcacttgat	180
ctagcctggc	cactgagaag	cggggatttt	actcaaaggt	cgtc		224

<210> 623
<211> 194
<212> DNA
<213> Murine

<400> 623

ggaagccagc	aggaacagta	ggacagtcgt	caggctgtga	ggtgggtaag	aaatacagaa	60
------------	------------	------------	------------	------------	------------	----

atgctaagta aggatatact cctcctagca ggttgccataa ggaggtaaata ggtgggtgggc	120
tgatctgggtg ggttctagtg aactaggcca agagctacat gagatctgag ggaagttgt	180
aataccagca gggg	194

<210> 624
 <211> 195
 <212> DNA
 <213> Murine

<400> 624	
gaaggattct gggaaagttc caggcccat gaagttaatt ccctggctgg gatagtcgct	60
gggggttggg gccgaagggg ctccaatggg gcaaaagggg cagccagggc ccagggtgc	120
aatcatctcc atcacactgg gcatgagcac atgggcaggg ctcacagtgc ggcacgcttc	180
agcaactggcc catcc	195

<210> 625
 <211> 257
 <212> DNA
 <213> Murine

<400> 625	
ggccgttggt tgtgtttgga tatacactg ctatagctac tgaggaaat ccagagactt	60
ggggatctaa ctgattaatt ttgggttttt tagtattggg ggtgattata gaggtttttt	120
taatttgtgt gcttaattat tatgatgaag tggagtaatt aatcttgatg gtttgggaga	180
ttggttgatg tatgaggttg atgatgttg agttatgttg gaaggaggga ttggggtagc	240
gcaatatata gttgtgc	257

<210> 626
 <211> 95
 <212> DNA
 <213> Murine

<400> 626	
aagcaagttt aaaaactgct ttattgattt gaagtaccaa atttataaag attataacag	60
tttgcactca ctcaaagtta aataatttac attgg	95

<210> 627
 <211> 194
 <212> DNA
 <213> Murine

<400> 627	
gtgggagact ttatttatcc agtgtggtga tagcatggcc ctccatgctt tttactgggt	60
aatgctatct ctcacaatga tgcagattag gaaaattgaa gtattcagga aacagggtg	120
gttgctaagg ctccgtacct gctctctata aaattatagt ggctttgacc tgacatagga	180
aagttcaagt ctag	194

<210> 628
 <211> 176
 <212> DNA
 <213> Murine

<220>
 <221> misc_feature
 <222> (1)...(176)

<223> n = A,T,C or G

<400> 628

tttagtttgt	gtcgggaagcc	tgtaattacn	gctccagctc	atagtggaa	ggctatactt	60
agatttatgg	atagttgggt	agtaggtgta	aatgtatgtg	gtaaaaggcc	taggagattt	120
gttgatccaa	taaatatgat	tagggaaaca	attattaggg	tcatgttcgt	cttttt	176

<210> 629

<211> 202

<212> DNA

<213> Murine

<400> 629

ttggtcacag	ccttctcagc	agcagcctgc	tcctccttct	caatctcctc	tgggtctctg	60
tagaagtaaa	gatcaggcat	gacctcccag	gggtgctcac	gggagatagt	acctcgcatg	120
cggagtactt	ccctggccag	catccaccac	atcagacca	ctgagtgagc	tccttggtgt	180
tgcgaaattcc	accacatggc	gg				202

<210> 630

<211> 243

<212> DNA

<213> Murine

<400> 630

gttactactc	tccaggttat	gcacagtcca	gcccagggac	tctcacctca	agcaaccagg	60
caggaatgga	gggccagccc	ctaaagacaa	aaaaggatga	ggagcctgag	agcgtagaag	120
ggaaagtaaa	gaatgacgtc	tgtgaggaaa	agaagccgga	gctgagcaat	tccagtcagc	180
agcctccgtc	atcagcagcg	gccaacatgt	acatgcagtc	ctgtactaca	ccagtagtct	240
acg						243

<210> 631

<211> 266

<212> DNA

<213> Murine

<400> 631

aaaacataat	aaatgatctt	agtgataagc	taaaaagtac	aatgcagcag	caagagcggg	60
ataaagattt	gatagagtcg	ctctctgagg	accgagctcg	tttgcttgaa	gagaagaagc	120
agcttgaaga	ggaagtgagt	aaactccgca	ctagcagttt	tctttcctca	gcacctgtgg	180
ctgcagccca	gagctctatg	gtgcgtgtgc	atgagctcca	gggcagcaga	gagatcatca	240
tggagacgca	gatgaaggag	actgat				266

<210> 632

<211> 234

<212> DNA

<213> Murine

<400> 632

cccaggacca	gatgggttta	gtgcagagtt	ctatcagacc	ttcaaagaag	atctaattccc	60
ggttcttcac	aaactattcc	acaaaataga	agtagaaggt	actgtaccca	actcattctc	120
gaagccacaa	ttactctgat	acctaaacca	caaaaagacg	caacaaagag	aacttcagac	180
caatttcctt	atgaatatcg	atgcaaatgc	tcaataagtt	ctactaacga	tcag	234

<210> 633

<211> 204

<212> DNA
<213> Murine

<400> 633

gatttttttt	tttttttttt	tttttttaaat	tctttttttt	ttcctttcttt	cctctttttt	60
tcctctctct	cctcctaata	cacacttttt	ttagtaagg	gaataccatg	atgtcgctct	120
agcccgcccc	ctgtagattc	gaccccgggg	cctgctgtta	aaaccactgt	agaatcgaga	180
cggagctggt	gtagttggta	gtcc				204

<210> 634
<211> 205
<212> DNA
<213> Murine

<400> 634

gaaatgattg	cagtccacct	ccgtacgtaa	cactcgtggt	ttaccgaagt	tatcacttca	60
caaaagctag	agtatgggtt	ttaagtaagc	agggacattc	atgctttcat	ctttgcaaaa	120
tcttggtgaa	ctaggaatga	agtctaagg	gtatagacga	gtcctcataa	accgcagaga	180
tagcgttaac	ccatatgaca	caagg				205

<210> 635
<211> 227
<212> DNA
<213> Murine

<400> 635

gaattcgtaa	aattacacat	gcaaacctcc	atagaccggt	gtaaaatccc	ttaaactttt	60
acttaaaatt	taaggagagg	gtatcaagca	cattaaaata	gcttaagaca	ccttgccctag	120
ccacaccccc	acggactcag	cagtgataaa	tattaagcaa	taaacgaaag	tttgactaag	180
ttataacctct	tagggttggt	aaatttcgtg	ccagccaccg	cgtcata		227

<210> 636
<211> 218
<212> DNA
<213> Murine

<400> 636

ggtttttcta	catcttacaa	tggactaaga	aaaacatcac	atatgtgtcc	tcattccttt	60
tcattcttaca	cctaattagg	gagacaccaa	tgcccatgga	aaggctgttt	ccaattttta	120
aagatacaac	acacaaggac	agggctagaa	aaggacgaag	tacaatgtct	agctatactg	180
tgacaatggt	tcataatata	gtgtgctcct	tacgtagg			218

<210> 637
<211> 176
<212> DNA
<213> Murine

<400> 637

ggtttttoga	gacagggttt	ctcgtatagt	cctggctgtc	ctgctgaaac	tcactttata	60
gaccagggtg	gcctcgaact	aaaatccgcc	tgccctctgcc	accgagtgcc	tgcgattaaa	120
gtcgtgcgcc	accacgacct	ggtctcttgt	ctttctctta	atcagctttc	ctataa	176

<210> 638
<211> 182
<212> DNA